

# SYNTHIAM

[synthiam.com](http://synthiam.com)

## python say birthay

here is a small program in python. Your robot gives you the date, wishes your birthday or the next day. You must enter birthdays in the python dictionary. By respecting the format. "month-day (2 digits):" first name year "

Last Updated: 1/15/2021

```
``` import time import locale

#date en francais locale.setlocale(locale.LC_TIME,"")

print ( time.strftime('Nous sommes le %A %d %B %Y,',time.localtime())) print ("il est "
+ time.strftime("%H",time.localtime())+ " heure
"+time.strftime("%M",time.localtime())) #donne la date et heure Audio.Say(
time.strftime('Nous sommes le %A %d %B %Y,',time.localtime())) Audio.Say("il est :
" + time.strftime("%H",time.localtime())+ "
heure"+time.strftime("%M",time.localtime()))
```

## la clef du dico sera la date systeme

```
anniversaire = time.strftime('%m-%d') jour2 = int(time.strftime('%d'))+1 jour7 =
int(time.strftime('%d'))+7 mois = int(time.strftime('%m'))
```

## creation d un dictionnaire anniversaire entrer ici vos parents et amis (index :donnees)

## format mois-jour (2 chiffres) prenom annee

```
dico = {"11-21": "orÃ©lie 1974" , "03-06": "jean-pierre 1958" , "03-14": "francis 1961" ,
"11-25": "colette 1948" , "11-9": "JARVIS 2014"}
```

## creation du dictionnaire des saints index sur date la date

```
saint = { "11-01": "la tousaint", "11-02": "les victorin", "11-03": "les hubert", "11-04": "les charles", "11-05": "les sylvie", "11-06": "les leonard", "11-07": "les Carine", "11-08": " les geoffroy", "11-09": "les theodore", "11-10": "les IÃ©on", "11-11": "l armistice 1918", "11-12": "les christian", "11-13": "les brice", "11-14": "les sidoine", "11-15": "les albert", "11-16": "les marguerite", "11-17": "les elisabeth", "11-18": "les aude", "11-19": "les tanguy", "11-20": "les edmond", "11-21": "les gelace", "11-22": "les cecile", "11-23": "les clement", "11-24": "les flora", "11-25": "les catherine", "11-26": "les delphine", "11-27": "les severin", "11-28": "les jacques", "11-29": "les saturnin", "11-30": "les andrai", "12-01": "les florence ", "12-02": "les viviane", "12-03": "les francois xavier", "12-04": "les barbara", "12-05": "les gerald", "12-06": "les nicola", "12-07": "les ambroise", "12-08": " les elfried", "12-09": "les pierre fourrier", "12-10": "les romaric", "12-11": "les daniel", "12-12": "les corentin", "12-13": "les lucie", "12-14": "les odile", "12-15": "les ninon", "12-16": "les alice", "12-17": "les gael", "12-18": "les gatien", "12-19": "les urbain", "12-20": "les theophine", "12-21": "les pierre canisius", "12-22": "les francoise xaviere", "12-23": "les armand", "12-24": "les adele", "12-25": "les
```

noel", "12-26": "les etienne", "12-27": "les jean apotre", "12-28": "les innocent", "12-29": "les david", "12-30": "les roger", "12-31": "les sylvestre", "01-01": "le jour de l an", "01-02": "les basile", "01-03": "les genevieve", "01-04": "les odilon", "01-05": "les edouard", "01-06": "les melaine", "01-07": "les raymond", "01-08": "les lucien", "01-09": "les alix", "01-10": "les guillaume", "01-11": "les paulin", "01-12": "les tatiana", "01-13": "les yvette", "01-14": "les nina", "01-15": "les remi", "01-16": "les marcel", "01-17": "les roseline", "01-18": "les prisca", "01-19": "les marius", "01-20": "les sebastien", "01-21": "les agnes", "01-22": "les vincent", "01-23": "les emerence", "01-24": "les francois", "01-25": "les ananie", "01-26": "les paules", "01-27": "les angele", "01-28": "les thomas", "01-29": "les gildas", "01-30": "les martine", "01-31": "les marcelle", "02-01": "les ella", "02-02": "les theophane", "02-03": "les blaise", "02-04": "les veronique", "02-05": "les agathe", "02-06": "les gaston", "02-07": "les eugenie", "02-08": "les jacqueline", "02-09": "les apolline", "02-10": "les armaud", "02-11": "les heloise", "02-12": "les felix", "02-13": "les beatrice", "02-14": "les valentin", "02-15": "les claude", "02-16": "les julienne", "02-17": "les alexis", "02-18": "les nadine", "02-19": "les gabin", "02-20": "les aimee", "02-21": "les enora", "02-22": "les isabelle", "02-23": "les lazare", "02-24": "les modeste", "02-25": "les romeo", "02-26": "les nestor", "02-27": "les honorine", "02-28": "les romain", "02-29": "les auguste", "03-01": "les aubin", "03-02": "les charles", "03-03": "les guenole", "03-04": "les casimir", "03-05": "les olive", "03-06": "les colette", "03-07": "les felicite", "03-08": "les ryan", "03-09": "les francoise", "03-10": "les vivien", "03-11": "les rosine", "03-12": "les justine", "03-13": "les rodrigue", "03-14": "les mathilde", "03-15": "les louise", "03-16": "les benedicte", "03-17": "les patrice", "03-18": "les cyrile", "03-19": "les joseph", "03-20": "les herbert", "03-21": "les clemence", "03-22": "les lea", "03-23": "les victorien", "03-24": "les catherine", "03-25": "les humber", "03-26": "les larissa", "03-27": "les habib", "03-28": "les gontran", "03-29": "les gladys", "03-30": "les amÃ©dÃ©e", "03-31": "les benjamin", "04-01": "les hugue", "04-02": "les sandrine", "04-03": "les richard", "04-04": "les isodore", "04-05": "les irÃªne", "04-06": "les marcelin", "04-07": "les jean baptiste", "04-08": "les julie", "04-09": "les gautier", "04-10": "les terence", "04-11": "les stanislas", "04-12": "les jules", "04-13": "les ida", "04-14": "les maxime", "04-15": "les paterne", "04-16": "les lÃ©onide", "04-17": "les anicet", "04-18": "les parfait", "04-19": "les emma", "04-20": "les odette", "04-21": "les anselme", "04-22": "les alexandre", "04-23": "les georges", "04-24": "les fidÃ¨le", "04-25": "les marc", "04-26": "les alda", "04-27": "les zita", "04-28": "les valÃ©rie", "04-29": "les catherine", "04-30": "les robert", "05-01": "les jÃ©rÃ©my", "05-02": "les boris", "05-03": "les philippe", "05-04": "les sylvain", "05-05": "les judith", "05-06": "les prudence", "05-07": "les gisÃ¨le", "05-08": "les dÃ©sirÃ©", "05-09": "les pacome", "05-10": "les solveig", "05-11": "les estelle", "05-12": "les achille", "05-13": "les fatima", "05-14": "les mathias", "05-15": "les denise", "05-16": "les honorÃ©", "05-17": "les pascal", "05-18": "les eric", "05-19": "les yves", "05-20": "les lydie", "05-21": "les constantin", "05-22": "les emile", "05-23": "les didier", "05-24": "les donatien", "05-25": "les sofia", "05-26": "les bÃ©rengÃªre", "05-27": "les augustin", "05-28": "les germain", "05-29": "les gÃ©rardine", "05-30": "les johanna", "05-31": "les maelys", "06-01": "les justin", "06-02": "les blandine", "06-03": "les kevin", "06-04": "les clothilde", "06-05": "les igor", "06-06": "les norbert", "06-07": "les gilbert", "06-08": "les mÃ©dart", "06-09": "les diane", "06-10": "les landry", "06-11": "les barnabÃ©", "06-12": "les guy", "06-13": "les antoine", "06-14": "les elisÃ©e", "06-15": "les germaine", "06-16": "les rÃ©gis", "06-17": "les hervÃ©", "06-18": "les lÃ©once", "06-19": "les romualde", "06-20": "les silvÃªre", "06-21": "les gonzague", "06-22": "les alban", "06-23": "les audrey", "06-24": "les jean baptiste", "06-25": "les prosper", "06-26": "les thelma", "06-27": "les cyrielle", "06-28": "les irÃªnÃ©e", "06-29": "les paul", "06-30": "les martial", "07-01": "les thierry", "07-02": "les colomban", "07-03": "les thomas", "07-04": "les florent", "07-05": "les zoÃ©", "07-06": "les nolwen", "07-07": "les raoul", "07-08": "les

thibault","07-09":"les amandine","07-10":"les amalia","07-11":"les benoÃ©t","07-12":"les olivier","07-13":"les henri","07-14":"les camille","07-15":"les vladimir","07-16":"les carmen","07-17":"les charlotte","07-18":"les frÃ©dÃ©ric","07-19":"les ornella","07-20":"les marina","07-21":"les victor","07-22":"les madeleine","07-23":"les brigitte","07-24":"les christine","07-25":"les jacques","07-26":"les anne","07-27":"les nathalie","07-28":"les samson","07-29":"les marthe","07-30":"les juliette","07-31":"les ignace", "08-01":"les alphonse","08-02":"les julien","08-03":"les lydie","08-04":"les violette","08-05":"les abel","08-06":"les octavien","08-07":"les gaetan","08-08":"les dominique","08-09":"les tara","08-10":"les laurent","08-11":"les claire","08-12":"les clarisse","08-13":"les hippolyte","08-14":"les evrard","08-15":"les marie","08-16":"les armel","08-17":"les janis","08-18":"les hÃ©lÃ©ne","08-19":"les eudeline","08-20":"les bernard","08-21":"les grÃ©ce","08-22":"les fabrice","08-23":"les rose","08-24":"les barthÃ©lÃ©my","08-25":"les louis","08-26":"les natacha","08-27":"les monique","08-28":"les augustin","08-29":"les sabine","08-30":"les fantine","08-31":"les aristide", "09-01":"les gilles","09-02":"les ingrid","09-03":"les grÃ©goire","09-04":"les rosalie","09-05":"les raissa","09-06":"les bertrand","09-07":"les reine","09-08":"les adrien","09-09":"les alain","09-10":"les inÃ©s","09-11":"les vinciane","09-12":"les apolinaire","09-13":"les aziz","09-14":"les cyprien", "09-15":"les dolorÃ©s","09-16":"les edith","09-17":"les renaud","09-18":"les nadÃ©ge","09-19":"les Ã©milie","09-20":"les ysoline","09-21":"les matthieu","09-22":"les sylvain","09-23":"les constant","09-24":"les silouane","09-25":"les solÃ©ne","09-26":"les damien","09-27":"les vincent","09-28":"les lucas","09-29":"les gabriel","09-30":"les jÃ©rÃ©me", "10-01":"les tess","10-02":"les lÃ©ger","10-03":"les gÃ©rard","10-04":"les francois","10-05":"les fleur","10-06":"les bruno","10-07":"les serge","10-08":"les pÃ©lagie","10-09":"les denis","10-10":"les ghislain","10-11":"les firmin","10-12":"les wilfried","10-13":"les edouard","10-14":"les juste","10-15":"les thÃ©rÃ©se","10-16":"les edwige","10-17":"les baudouin","10-18":"les luc","10-19":"les renÃ©","10-20":"les adeline","10-21":"les cÃ©line","10-22":"les Ã©lodie","10-23":"les elphie","10-24":"les florentin","10-25":"les daria","10-26":"les cÃ©dric","10-27":"les Ã©meline","10-28":"les dimitri","10-29":"les jude","10-30":"les maÃ©va", "10-31":"les quentin" }

```
#formatage du 0 devant le chiffre rappel j-1 et j-7 rappel = str(mois).zfill(2) + "-" + str(jour7).zfill(2)
rappel2 = str(mois).zfill(2) + "-" + str(jour2).zfill(2)
sleep(2)
```

```
if (dico.get(rappel) != None):
    agedico = int(dico.get(rappel)[-4:])
    prenom = (dico.get(rappel)[:4])
    age = annee - agedico
    Audio.Say("c est lanniversaire de " + prenom + str(age) + " ans dans 7 jours")
```

```
if (dico.get(rappel2) != None):
    agedico = int(dico.get(rappel2)[-4:])
    prenom = (dico.get(rappel2)[:4])
    age = annee - agedico
    Audio.Say("demain c est lanniversaire de " + prenom + str(age) + " ans")
```

```
if (dico.get(anniversaire) != None):
    agedico = int(dico.get(anniversaire)[-4:])
    prenom = (dico.get(anniversaire)[:4])
    age = annee - agedico
    Audio.Say("bon anniversaire " + prenom + str(age) + " printemps ,tu les fais pas")
```

## si pas anniversaire on faite les saints

```
if ((dico.get(rappel) == None) and (dico.get(rappel2) == None) and (dico.get(anniversaire) == None)):
    Audio.Say("c est lanniversaire de personne . nous faitons "+ (saint.get(anniversaire)) ) ` ` `
    Â -Â insert the code in the script collection
```

competency with the name "date"

Code EZ-Script:

- In the competency Speech recognition : ControlCommand ("AimlBot", "SetPhrase", \$BingSpeech)
- In the competency AimBot \$BingSpeech(\$BotResponse) say(\$BotResponse) if (\$BotResponse = "ok.") controlCommand("Script Collection", "ScriptStart", "date") endif

Code AIML: `<?xml version="1.0" encoding="UTF-8"?> <aiml> <category>  
<pattern>donne moi la date</pattern> <template> ok</template>  
</category> </aiml>`

note : To make the EZROBOT micro-controller speak, replace Audio.Say by Audio.SayEZB