

SYNTHIAM

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": "orélie 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 léon", "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 geralde", "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 humberth", "03-26": "les larissa", "03-27": "les habib", "03-28": "les gontran", "03-29": "les gladys", "03-30": "les amédée", "03-31": "les benjamin", "04-01": "les hugue", "04-02": "les sandrine", "04-03": "les richard", "04-04": "les isodore", "04-05": "les irène", "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 léonide", "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 fidèle", "04-25": "les marc", "04-26": "les alda", "04-27": "les zita", "04-28": "les valérie", "04-29": "les catherine", "04-30": "les robert", "05-01": "les jérémy", "05-02": "les boris", "05-03": "les philippe", "05-04": "les sylvain", "05-05": "les judith", "05-06": "les prudence", "05-07": "les gisèle", "05-08": "les désiré", "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 honoré", "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 bérengère", "05-27": "les augustin", "05-28": "les germain", "05-29": "les géraldine", "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 médart", "06-09": "les diane", "06-10": "les landry", "06-11": "les barnabé", "06-12": "les guy", "06-13": "les antoine", "06-14": "les elisée", "06-15": "les germaine", "06-16": "les régis", "06-17": "les hervé", "06-18": "les léonce", "06-19": "les romualde", "06-20": "les silvère", "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 irénée", "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 zoé", "07-06": "les nolwen", "07-07": "les raoul", "07-08": "les thibault", "07-09": "les amandine", "07-10": "les amalia", "07-11": "les benoît", "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 Frédéric", "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 hélène", "08-19": "les eudeline", "08-20": "les
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barthélémy", "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",
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edith", "09-17": "les renaud", "09-18": "les nadège", "09-19": "les émilie", "09-20": "les
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silouane", "09-25": "les solène", "09-26": "les damien", "09-27": "les vincent", "09-28": "les
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francois", "10-05": "les fleur", "10-06": "les bruno", "10-07": "les serge", "10-08": "les
pélagie", "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 thèrèse", "10-16": "les
edwige", "10-17": "les baudouin", "10-18": "les luc", "10-19": "les rené", "10-20": "les
adeline", "10-21": "les céline", "10-22": "les élodie", "10-23": "les elphie", "10-24": "les
florentin", "10-25": "les daria", "10-26": "les cédrick", "10-27": "les émeline", "10-28": "les
dimitri", "10-29": "les jude", "10-30": "les maéva", "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 faisons "+ (saint.get(anniversaire)) )
\ \

```

- 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