# Code source du script

### anniv.py (cliquer pour afficher le code)

anniv.py

```
#! /usr/bin/env python3
# -*- coding: utf-8 -*-

bdays = """\
23-8-1754   Louis XVI
24-8-1948   Jean-Michel Jarre
15-6-1943   Johnny Hallyday
28-9-1934   Brigitte Bardot
"""

from datetime import date


def str2date(str_date):
    d, m, y = str_date.split('-')
    return (int(y), int(m), int(d))


def find_next(bdays, md):
    if not bdays:
        return []

    match = []
    for l in bdays:
        next_date = (l[0][1], l[0][2])
        if len(match):
            # Check if there is another bday the same day
            if next_date == (match[0][0][1], match[0][0][2]):
                match.append(l)
            else:
                break
        elif next_date >= md:
            match.append(l)

    return match if len(match) else find_next(bdays, (0,0))


if __name__ == "__main__":
    converted = []
    for l in bdays.splitlines():
        tokens = l.strip().split()
        if tokens:
            converted.append((str2date(tokens[0]), ' '.join(tokens[1:])))

    # Sort by month and day
    sorted_bdays = sorted(converted, key=lambda d: (d[0][1], d[0][2]))

    today = date.today()
    md = (today.month, today.day)
    next_bdays = find_next(sorted_bdays, md)
    for bday in next_bdays:
        bmd = (bday[0][1], bday[0][2])
        if bmd == md:
            print(f"Aujourd'hui : Anniversaire de {bday[1]}\n{today.year-bday[0][0]} ans")
        else:
            isnextyear = bmd < md
            dt = date(today.year if not isnextyear else today.year+1, bmd[0], bmd[1]) - today
            print(f"Anniversaire de {bday[1]} dans {dt.days} jours\n{today.year-bday[0][0]} ans")
```

# Afficher le message au démarrage du terminal

```
echo "python3 ~/Dropbox/anniv.py | cowsay" >> ~/.bashrc
```

Article extrait de : http://www.lesporteslogiques.net/wiki/ - **WIKI Les Portes Logiques**
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