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2.


```python
from datetime import date

def ask_for_date(name) :
    data = input('Enter ' + name + ' (yyyy mm dd): ').split(' ')
    try:
        return date(int(data[0]), int(data[1]), int(data[2]))
    except exception as e:
        print(e)
        print('invalid input. Follow the given format')
        ask_for_date(name)



def calculate_age():
    born = ask_for_date('your date of birth')
    today = date.today()
    extra_year = 1 if ((today.month, today.day) < (born.month, born.day)) else 0
    return today.year - born.day - extra_year

print(calculate_age())
```

3.
```
> /bin/python3 /root/pertemuan4.py
Enter your date of birth (yyyy mm dd): 2003 09 10
2012
>
```