

#To accept an object mass in kg and velocity in m/s and display its momentum

```
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v= float(input("Enter velocity"))  
p = m * v  
print("p")
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#Read DOB and salary in rupees then perform data formation for DOB to age and salay in US Dollars

```
from datetime import datetime
```

```
def calculate_age(birthday):  
    today = datetime.now()  
    birthdate =  
    datetime.strptime(birthdate,"%Y-%m-%d")  
    return today.year - birthdate.year - ((today.month, today.day) < (birthdate.month, birthdate.day))
```

```
def salary_in_dollars(salary_in_rupees, conversion_rate=82.5):  
    return salary_in_rupees / conversion_rate
```

```
birthdate = input("Enter birthdate(YYYY-MM-DD):")  
salary = float(input("Enter salary in rupees:"))
```

```
age = calculate_age(birthdate)  
salary_usd = salary_in_dollars(salary)
```

```
print(f"Age:{age}years")  
print(f"Salary in USD: $  
{salary_usd:2f}")
```

```
# Print the reverse number of a given number  
number = int(input("Enter a number: "))  
reverse_number = int(str(number)[::-1])  
print(f"Reversed number: {reverse_number}")
```

```
# Print multiplication table of number n.  
n = int(input("Enter a number: "))  
for i in range(1, 11):  
    print(f"{n} x {i} = {n*i}")
```