

```
In [17]: # score between 0.0 and 1.0 from user
# check
# out of range will print an error.

r = float(input("Enter score between 0.0 and 1.0: "))

if (0.0 < r < 1.0):
    if(r >= 0.9):
        r = 'A'
    elif(r >= 0.8):
        r = 'B'
    elif(r >= 0.7):
        r = 'C'
    elif(r >= 0.6):
        r = 'D'
    elif(r < 0.6):
        r = 'F'
    else:
        r = "Error"
else:
    r = "Error"

print(r)
```

Enter score between 0.0 and 1.0: .85
B

```
In [18]: # user enter hours and rate
# Up to 40 hours then basepay
# If above 40 hours then overtimepay + basepay

hours = float(input("Enter hours: "))
rate  = float(input("Enter rate per hour: "))

basepay = hours * rate
if(hours <= 40):
    print("Base Pay: ", basepay)
else:
    totalpay = 40 * rate + ((hours - 40) * rate * 1.5)
    print("Total Pay: ", totalpay)
```

```
Enter hours: 45
Enter rate per hour: 10.50
Total Pay: 498.75
```

In []: