```
#Q1
l=[]
for i in range(0,5):
  l.append(int(input()))
total=sum(l)
print("total is "+str(total))
average=(sum(l))/5
print("average is "+str(average))
percentage=((total)/500)*100
print("percentage is %0.2f" %percentage)
```

```
85
86
84
90
91
total is 436
average is 87.2
percentage is 87.20
```

```
#Q2
salary=int(input())
if (salary<=2000):
  DA=0.1*salary
  print("DA is "+str(DA))
  HRA=0.2*salary
  print("HRA is "+str(HRA))
elif (salary>2000 & salary<=5000):
  DA=0.2*salary
  print("DA is "+str(DA))
  HRA=0.3*salary
  print("HRA is "+str(HRA))
elif (salary>5000 & salary<=10000):
  DA=0.3*salary
  print("DA is "+str(DA))
  HRA=0.4*salary
  print("HRA is "+str(HRA))
elif (salary>10000):
  DA=0.5*salary
  print("DA is "+str(DA))
  HRA=0.5*salary
  print("HRA is "+str(HRA))
```

```
50000
DA is 10000.0
HRA is 15000.0
```

```
#Q3
a=float(input("Enter a = "))
b=float(input("Enter b = "))
c=float(input("Enter c = "))
if (a>b):
  if(a>c):
```

```
    print(f"a = {a} is the greatest")
  else:
    print(f"c = {c} is the greatest")
elif (b>c):
      print(f"b = {b} is the greatest")
else:
  print(f"c = {c} is the greatest")
```

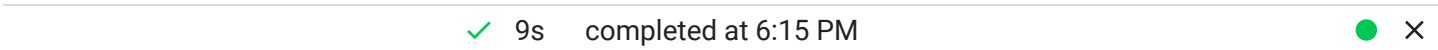
```
     Enter a = 3
     Enter b = 2
     Enter c = 1
     a = 3.0 is the greatest
```

```
#Q4
try:
  num1=float(input("Enter num1 = "))
  num2=float(input("Enter num2 = "))
  print(f"Addition: num1+num2 of two numbers is {num1+num2}")
  print(f"Subtraction: num1-num2 of two numbers is {num1-num2}")
  print(f"Multiplication: num1*num2 of two numbers is {num1*num2}")
  print(f"Division: num1/num2 of two numbers is {num1/num2}")
except ZeroDivisionError:
    print("Division:****************num2 cannot be equal to 0****************")
```

```
     Enter num1 = 1
     Enter num2 = 2
     Addition: num1+num2 of two numbers is 3
     Subtraction: num1-num2 of two numbers is -1
     Multiplication: num1*num2 of two numbers is 2
     Division: num1/num2 of two numbers is 0.5
```

```
#Q5
input_markspercent=float(input("Enter marks percentage "))
if (input_markspercent>=90):
  print("Grade is A")
else:
  if (input_markspercent>=80):
    print("Grade is B")
  else:
    if (input_markspercent>=60):
      print("Grade is C")
    else:
      if (input_markspercent>=40):
        print("Grade is D")
      else:
        print("Grade is F")
```

```
     Enter marks percentage 3
     Grade is F
```


9s
completed at 6:15 PM