assignment1-part3

Use the "Run" button to execute the code.

```
!pip install jovian --upgrade --quiet
```

```
import jovian
```

```
# Execute this to save new versions of the notebook
jovian.commit(project="assignment1-part3")
```

17

```
n=(int(input('total no. of working days are:')))
b=(int(input('Total no. of absent days')))
a=n-b
c=(a*100/n)
print('percentage of class attended',c)
if(c< 75):
    print('Your are not allowed to sit for exam')
else:
    print('you are allowed for exam')
```

```
total no. of working days are:20
Total no. of absent days2
percentage of class attended 90.0
you are allowed for exam
```

18

```
a=(float(input('enter side of triangle')))
b=(float(input('enter side of triangle')))
c=(float(input('enter side of triangle')))
if(a==b==c):
    print('A triangle is an equilateral triangle.')
elif((a==b) or (b==c) or (c==a)):
    print("A triangle is isosceles triangle .")
elif((a!=b) or (b!=c) or (a!=c)):
    print('A  triangle is a scalene triangle.')
```

```
enter side of triangle11
enter side of triangle12
enter side of triangle13
A  triangle is a scalene triangle.
```

19

```
age=(int(input('enter age')))
sex=(input('Enter sex "M" or "F" '))
n=(int(input('enter the days worked')))
if((age>18) and (age<30) and (sex=='M')):
    w=n*700
    print('The total wages are',w)
elif((age>18) and (age<30) and (sex=='F')):
    w=n*750
    print('The total wages are',w)
elif((age<=40) and (sex=='M')):
    w=n*800
    print('The total wages are',w)
elif((age<=40) and (sex=='F')):
    w=n*850
    print('The total wages are',w)
else:
    print("Enter valid data.")
```

```
enter age32
Enter sex "M" or "F" F
enter the days worked2
The total wages are 1700
```

20

```
a=(int(input('enter side of triangle')))
b=(int(input('enter side of triangle')))
c=(int(input('enter side of triangle')))
if((a+b>c) or (b+c>a) or (a+c>b)):
    print('the triangle is possible')
else:
    print('triangle is not possible')#6,4,10
```

```
enter side of triangle5
enter side of triangle3
enter side of triangle7
the triangle is possible
```

```

```