

October 2, 2018

Notebook: Computers and Programming I
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1.

```
number= int(input("Please enter an integer from 1 through 7 only:"))
if (number==1):
    print ("Monday")
elif (number==2):
    print ("Tuesday")
elif (number==3):
    print ("Wednesday")
elif (number==4):
    print ("Thursday")
elif (number==5):
    print ("Friday")
elif (number==6):
    print ("Saturday")
elif (number==7):
    print ("Sunday")
else:
    print("Your are in breach of system protocol")
```

2.

#Rectangle One Calculation

```
rec1_lenght = float(input("Please enter the lenght of the first rectangle:"))
rec1_width = float(input("Please enter the width of the first rectangle:"))
area1= (rec1_lenght)*(rec1_width)
```

#Rectangle Two Calculation

```
rec2_lenght = float(input("Please enter the lenght of the second rectangle:"))
rec2_width = float(input("Please enter the width of the second rectangle:"))
area2= (rec2_lenght)*(rec2_width)
```

#Comparative Analysis

```
if (area1>area2):
    print ("Rectangle 1 is bigger")
else:
    print ("Rectangle 2 is bigger")
```

3.

```
mass = float(input("Please enter the objects mass:"))
weight = mass*9.8
```

```
if (weight>500):
    print ("You above the maximum weight limit.")
elif (weight<=100):
```

```
    print ("You are below minimum weight requirement.")  
else:  
    print ("You can load this object")
```