

[22]

✓ 5s



```
m1=int(input("Enter subject1 marks:"))
m2=int(input("Enter subject2 marks:"))
m3=int(input("Enter subject3 marks:"))
total=m1+m2+m3
avg=total/3
if m1>100 or m2>100 or m3>100:
    print("Invalid marks")
else:
    if avg>=90:
        print("Grade A")
    elif avg>=75:
        print("Grade B")
    elif avg>=60:
        print("Grade C")
    elif avg>=40:
        print("Grade D")
    else:
        print("Fail")
```



```
... Enter subject1 marks:200
Enter subject2 marks:89
Enter subject3 marks:56
Invalid marks
```



[78]

✓ 8s



```
a=int(input("enter the 1stvalue of a side:"))
b=int(input("enter the 2ndvalue of a side:"))
c=int(input("enter the 3rdvalue of a side:"))
if a+b>c and b+c>a and a+c>b:
    if a==c and b==c and a==b:
        print("equilateral triangle")
    elif a==b or b==a or c==a:
        print("Isosceles triangle")
    else:
        print("Scalene triangle")
else:
    print("Invalid triangle")
```



```
... enter the 1stvalue of a side:17
enter the 2ndvalue of a side:8
enter the 3rdvalue of a side:2
Invalid triangle
```



+ <> + T



RAM

Disk

Enter subject1 marks:200
Enter subject2 marks:89
Enter subject3 marks:56
Invalid marks

[80]

```
a=int(input("enter the 1stvalue of a side:"))  
b=int(input("enter the 2ndvalue of a side:"))  
c=int(input("enter the 3rdvalue of a side:"))  
if a+b>c or b+c>a or a+c>b:  
    if a==c and b==c and a==b:  
        print("equilateral triangle")  
    elif a==b or b==a or c==a:  
        print("Isosceles triangle")  
    else:  
        print("Scalene triangle")  
else:  
    print("Invalid triangle")
```

enter the 1stvalue of a side:10
enter the 2ndvalue of a side:10
enter the 3rdvalue of a side:10
equilateral triangle



[92]

✓ 6s



```
salary=int(input("enter salary:"))  
experience=int(input("enter years of experience"))  
bonus1=salary/100*10+salary  
bonus2=salary/100*20+salary  
if salary<20000 and experience>=2:  
    print("Total salary:",bonus1)  
elif salary<20000 and experience>=5:  
    print("Total salary:",bonus2)  
else:  
    print("No bonus")
```

...

enter salary:18000
enter years of experience:2
Total salary: 19800.0

Total salary: 19800.0

[13]

✓ 2s



```
x=int(input("enter a number:"))
if x%3==0 and x%5!=0 :
    print("Special number")
else:
    print("Not a special number")
```



enter a number:18
Special number

[34]

✓ 3s



```
time=int(input("enter time:"))
if time>0 and time<=23:
    if time==5 or time<=11:
        print("Good morning")
    elif time==12 or time<=16:
        print("Good afternoon")
    elif time==17 or time<=20:
        print("Good evening")
    else:
        print("Good night")
else:
    print("invalid time")
```



... enter time:16
Good afternoon



[54]

✓ 11s



```
a=int(input("enter a number:"))
b=int(input("enter b number:"))
c=int(input("enter c number:"))
if a>b and a<c or a<b and a>c:
    print("a is the middle value")
elif b>a and b<c or b<a and b>c:
    print("b is the middle value")
else:
    print("c is the middle value")
```



... enter a number:56
enter b number:100
enter c number:23
a is the middle value

