

Coding Python

RUN**MENU**

Auto saved at 14:21:07

```
1 num=int(input("enter the number"))
2 flag = num%2
3 if flag == 0:
4     print(num," is an even number")
5 elif flag == 1:
6     print(num,"is an odd number")
7 else:
8     print("error,invalid input")
```

Tab	{}	“”	;	↶	↑	↷
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Compile Result

```
enter the number60  
60  is an even number
```

```
[Process completed - press Enter]
```

Coding Python

RUN**MENU**

Auto saved at 14:33:48

```
1 year=int(input("enter year:"))
2 if year % 4 == 0 and year % 100 != 0:
3 |   print(year, "is a leap year")
4 elif year % 100 == 0:
5 |   print(year,"is bot a leap year")
6 elif year % 400 == 0:
7 |   print(year,"is a leap year")
8 else:
9     print(year,"is not a leap year")
```

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2:34

VoIP LTE 60%

Compile Result

```
enter year:2025  
2025 is not a leap year
```

```
[Process completed - press Enter]
```

Coding Python

RUN**MENU**

Auto saved at 14:40:44

```
1 ch=input("enter a character:")
2 if (ch=='A' or ch=='a' or ch=='E' or ch=='e' or ch==
3 |     print(ch," is a vowel")
4 else:
5 |     print(ch,"is a consonant")
6
```

Tab	{}	“”	;	↶	↑	↷
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2:41

LTE+ 59%

Compile Result

enter a character:u
u is a vowel

[Process completed - press Enter]

Coding Python

RUN**MENU**

Auto saved at 14:50:00

```
1 ch=input("enter a character:")
2 if((ch>='a' and ch<='z') or (ch>='A' and ch<='Z')):
3 |   print(ch, "is an alphabet")
4 else:
5 |   print(ch,"is not an alphabet") |
6
```

Tab	{}	“”	;	↶	↑	↷
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2:50

VoIP LTE 57%

Compile Result

enter a character:h
h is an alphabet

[Process completed - press Enter]

3:29

VoIP LTE+ 50%

Coding Python

RUN MENU

Auto saved at 15:29:04

```
1 a=int(input('enter length of side 1:'))
2 b=int(input('enter length of side 2:'))
3 c=int(input('enter length of side 3:'))
4 if a+b<c or b+c<a or a+c<b:
5     print('not a triangle')
6 else:
7     print('A triangle')
8
```



Tab	{}	“”	;	↶	↑	↷
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Compile Result

```
enter length of side 1:5  
enter length of side 2:7  
enter length of side 3:4  
A triangle
```

```
[Process completed - press Enter]
```

Coding Python

RUN**MENU**

Auto saved at 15:43:01

```
1 print("input lengths of the triangle si")
2 x = int(input("x:"))
3 y = int(input("y:"))
4 z = int(input("z:"))
5 if x == y == z:
6     print("Equilateral traingle")
7 elif x==y or y==z or z==x:
8     print("isosceles triangle")
9 else:
10    print("scalene traingle ")
11
12
13
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16
```

Tab	{}	“”	;	↶	↑	↷
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Compile Result

```
input lengths of the triangle si
x:6
y:8
z:12
scalene traingle
```

```
[Process completed - press Enter]
```

Coding Python

RUN**MENU**

Auto saved at 16:07:22

```
1 a=int(input("enter a:"))
2 b=int(input("enter b:"))
3 c=int(input("enter c:"))
4 D=(b**2)-(4*a*c)
5 print(" The value if discriminant is",D)
6 sol1 = (-b+D**0.5/2*a)
7 sol2 = (+b-D**0.5/2*a)
8 print("The roots of this quadratic equations are",sol1,"and",sol2)
```

Tab {} “” ; ↲ ⌂ ⌁
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Compile Result

```
enter a:6
enter b:7
enter c:4
The value if discriminant is -47
The roots of this quadratic equations are (-6.99999
999999999+20.56696380120313j) and (6.9999999999999
99-20.56696380120313j)
```

[Process completed - press Enter]

Coding Python

[RUN](#)[MENU](#)

Auto saved at 17:20:18

```
1 cp=int(input("enter cost price"))
2 sp=int(input("enter selling price"))
3 if sp > cp:
4     print("profit")
5 elif cp > sp:
6     print("loss")
7 else:
8     print("No profit - No loss")
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```

Tab	{}	“”	;	↶	↑	↷
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5:21

33%

Compile Result

```
enter cost price150  
enter selling price1230  
profit
```

```
[Process completed - press Enter]
```

Coding Python

RUN**MENU**

Auto saved at 17:48:28

```
1 num=int(input("enter number :"))
2 if num % 5 == 0:
3 |   print("number is divisible by 5 and 11 ")
4 else:
5 |   print("number is not divisible by 5 and 11")
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21
```

Tab	{}	“”	;	↶	↑	↷
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Compile Result

```
enter number :9  
number is not divisible by 5 and 11
```

```
[Process completed - press Enter]
```

Coding Python

RUN**MENU**

Auto saved at 18:08:26

```
1 a=int(input('insert the first number:'))
2 b=int(input('insert the second number:'))
3 if a > b:
4     print('The largest value is a:', a)
5 elif a == b:
6     print('The numbers are the same')
7 else:
8     print('The largest value is b:', b)
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```

Tab	{}	“”	;	↶	↑	↷
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Compile Result

```
insert the first number:10  
insert the second number:20  
The largest value is b: 20
```

```
[Process completed - press Enter]
```

Coding Python

RUN**MENU**

Auto saved at 18:17:09

```
1 mark1=(float)(input("enter first subject mark"))
2 mark2=(float)(input("enter second subject mark"))
3 mark3=(float)(input("enter third subject mark"))
4 mark4=(float)(input("enter fourth subject mark"))
5 mark5=(float)(input("enter fifth subject mark"))
6 total_ob=mark1+mark2+mark3+mark4+mark5
7 per=(total_ob/500)*100
8 print("percentage is",per)
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```



Tab	{}	“”	;	↶	↑	↷
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Compile Result

```
enter first subject mark400
enter second subject mark450
enter third subject mark480
enter fourth subject mark500
enter fifth subject mark450
percentage is 455.9999999999994
```

```
[Process completed - press Enter]
```

Coding Python

RUN**MENU**

Auto saved at 18:36:42

```
1 total_amount = int(input("Enter your total amount:"))
2 list_of_notes = [1000,500,50,20,10,5]
3 for i in list_of_notes:
4     number_of_notes = total_amount // i
5     total_amount %= i
6     if number_of_notes != 0:
7         print(f" The number of notes of {i} is {number_of_notes}")
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6:37

VoIP LTE+ 22%

Compile Result

Enter your total amount:3000
The number of notes of 1 is 3

[Process completed - press Enter]

Coding Python

RUN**MENU**

Auto saved at 19:00:35

```
2 total=surcharge=amt=0
3 if unit<=50:
4     amt=unit*0.50
5 elif unit<=150:
6     amt=25+(unit-50)*0.75
7 elif unit<=250:
8     amt=100+(unit-150)*1.20
9 else:
10    amt=220+(unit-250)*1.50
11 surcharge=amt*20/100
12 total=amt+surcharge
13 print("Total Electricity Bill Of Rs",total)
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```

Tab	{}	””	;	↶	↑	↷
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Compile Result

Enter Total Unit Consumed:500
Total Electricity Bill Of Rs 714.0

[Process completed - press Enter]

Coding Python

RUN**MENU**

Auto saved at 19:28:30

```
1 basic=25000
2 if(basic<=10000):
3     da = basic*0.8
4     hra = basic*0.2
5 elif(basic<=20000):
6     da = basic*0.9
7     hra = basic*0.25
8 else:
9     da=basic*0.95
10    hra=basic*0.3
11 gross = basic + hra + da
12 print(" The gross salary is ",gross)
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Tab	{}	“”	;	↶	↑	↷
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7:28

VoIP LTE 14%

Compile Result

The gross salary is 56250.0

[Process completed - press Enter]

7:29

VoIP LTE 14%

Compile Result

The gross salary is 43000.0

[Process completed - press Enter]

Coding Python

RUN**MENU**

Auto saved at 19:29:01

```
1 basic=20000
2 if(basic<=10000):
3     da = basic*0.8
4     hra = basic*0.2
5 elif(basic<=20000):
6     da = basic*0.9
7     hra = basic*0.25
8 else:
9     da=basic*0.95
10    hra=basic*0.3
11 gross = basic + hra + da
12 print(" The gross salary is ",gross)
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Tab	{}	“”	;	↶	↑	↷
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Coding Python

RUN**MENU**

Auto saved at 19:29:18

```
1 basic=10000
2 if(basic<=10000):
3     da = basic*0.8
4     hra = basic*0.2
5 elif(basic<=20000):
6     da = basic*0.9
7     hra = basic*0.25
8 else:
9     da=basic*0.95
10    hra=basic*0.3
11 gross = basic + hra + da
12 print(" The gross salary is ",gross)
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```

Tab	{}	“”	;	↶	↑	↷
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7:29

Voice LTE 14%

Compile Result

The gross salary is 20000.0

[Process completed - press Enter]

Coding Python

RUN**MENU**

Auto saved at 19:48:05

```
1 ch=input('Enter a single character: ')
2 if ch>='A' and ch<='Z':
3     print('you entered an uppercase character')
4 elif ch>='a' and ch<='z':
5     print('you entered a lowercase character ')
6 elif ch>='0' and ch<='9':
7     print('you entered a digit')
8 else:
9     print('you entered a special character')
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```



Tab	{}	“”	;	↶	↑	↷
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7:48

VoIP LTE 11%

Compile Result

Enter a single character:A
you entered an uppercase character

[Process completed - press Enter]

7:48

VoIP LTE 11%

Compile Result

Enter a single character:i
you entered a lowercase character

[Process completed - press Enter]

Coding Python

RUN**MENU**

Auto saved at 21:00:17

```
1 Jan=31
2 Feb=28
3 March=31
4 April=30
5 May=31
6 June=30
7 July=31
8 Aug=31
9 Sep=30
10 Oct=31
11 Nov=30
12 Dec=31
13 month = 5
14 if month == 1:
15 |     print("January = 31 days")
16 elif month == 2:
17 |     print("February = 28 days")
18 elif month == 3:
19 |     print("March = 31 days")
20 elif month == 4:
21 |     print("April = 30 days")
22 elif month == 5:
23 |     print("May = 31 days")
24 elif month == 6:
25 |     print("June = 30 days")
26 elif month == 7:
27 |     print("July = 31 days")
28 elif month == 8:
29 |     print("August = 31 days")
30 elif month == 9:
31 |     print("September = 30 days")
32 elif month == 10:
33 |     print("October = 31 days")
34 elif month == 11:
35 |     print("November = 30 days")
36 elif month == 12:
37 |     print("December = 31 days")
38 else:
39 |     print("please enter proper month number")
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```

Tab	{}	“”	;	↶	↑	↷
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9:00

Voice over
LTE+ 8%

Compile Result

May = 31 days

[Process completed - press Enter]

Coding Python

RUN**MENU**

Auto saved at 21:02:10

```
1 Jan=31
2 Feb=28
3 March=31
4 April=30
5 May=31
6 June=30
7 July=31
8 Aug=31
9 Sep=30
10 Oct=31
11 Nov=30
12 Dec=31
13 month = int(input("Enter the month number"))
14 if month == 1:
15     print("January = 31 days")
16 elif month == 2:
17     print("February = 28 days")
18 elif month == 3:
19     print("March = 31 days")
20 elif month == 4:
21     print("April = 30 days")
22 elif month == 5:
23     print("May = 31 days")
24 elif month == 6:
25     print("June = 30 days")
26 elif month == 7:
27     print("July = 31 days")
28 elif month == 8:
29     print("August = 31 days")
30 elif month == 9:
31     print(" September = 30 days")
32 elif month == 10:
33     print("October = 31 days")
34 elif month == 11:
35     print("November = 30 days")
36 elif month == 12:
37     print("December = 31 days")
38 else:
39     print("please enter proper month number")
40 
```

Tab	{}	“”	;	↶	↑	↷
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9:02

Voice
LTE
8%

Compile Result

Enter the month number
November = 30 days

[Process completed - press Enter]

Coding Python

RUN**MENU**

Auto saved at 21:13:05

```
1 n=int(input("Enter a number between 1 and 7"))
2 if n==1:
3     print('Sunday')
4 elif n==2:
5     print('Monday')
6 elif n==3:
7     print('Tuesday')
8 elif n==4:
9     print('Wednesday')
10 elif n==5:
11     print('Thursday')
12 elif n==6:
13     print('Friday')
14 elif n==7:
15     print('Saturday')
16 else:
17     print('invalid number')
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```

Tab	{}	“”	;	↶	↑	↷
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9:13

Voice
LTE+
LTE
6%

Compile Result

Enter a number between 1 and 73
Tuesday

[Process completed - press Enter]

9:13

Voice
LTE
6%

Compile Result

Enter a number between 1 and 76
friday

[Process completed - press Enter]

Coding Python

RUN**MENU**

Auto saved at 09:46:25

```
1 a=int(input("Enter a;"))
2 b=int(input("Enter b;"))
3 c=int(input("Enter c;"))
4 if a > b:
5 |   if a > c:
6 |   |   print("a is largest")
7 else:
8 |   print("c is largest")
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```

Tab	{}	“”	;	↶	↑	↷
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Compile Result

```
Enter a;60  
Enter b;70  
Enter c;100  
c is largest
```

```
[Process completed - press Enter]
```

Coding Python

RUN**MENU**

Auto saved at 09:51:09

```
1 a=int(input('insert the first number:'))
2 b=int(input('insert the second number:'))
3 if a > b:
4     print('The largest value is a;',a)
5 elif a == b:
6     print('The numbers are the same')
7 else:
8     print('The largest value is b;',b)
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42
```



Tab	{}	“”	;	↶	↑	↷
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Compile Result

```
insert the first number:300  
insert the second number:500  
The largest value is b; 500
```

```
[Process completed - press Enter]
```