

Python if else – statement Exercise:

Q1. Write a program to calculate the electricity bill
using only if statement? (accept number of unit from user)
according to the following criteria:

Unit	Price
First 100 units	no charge
Next 100 units	Rs 5 per unit
After 200 units	Rs 10 per unit

(For example, if input unit is 350 than total bill amount is Rs2000). Lets explain...

For first 100 no charges

Now you have 250 unit remaining

100-200 you need to pay – $100 * 5 = 500$

Now 200-100 you need to pay $150 * 10 = 1500$

Total = $500 + 1500 = 2000$

Q2. Write a program to accept percentage from the user and display
the grade according to the following criteria:

Marks	Grade
> 90	A
> 80 and <= 90	B
>= 60 and <= 80	C
below 60	D

Q3. Accept the age of 4 people and display the youngest one?

Q4. A company decided to give bonus to employee according to following criteria:

Time period of Service	Bonus
More than 10 years	10%
≥ 6 and ≤ 10	8%
Less than 6 years	5%

Ask user for their salary and years of service and print the net bonus amount?

Q5. Accept three numbers from the user and display the second largest number?

Q6. Accept the marked price from the user and calculate the Net amount as (Marked Price – Discount) to pay according to following criteria:

Marked Price	Discount
> 10000	20%
> 7000 and ≤ 10000	15%
≤ 7000	10%

Q7. Accept the marks of English, Math and Science,
Social Studies Subject and display the stream allotted
according to following:

All Subjects more than 80 marks — Science Stream

English >80 and Math, Science above 50 — Commerce Stream

English > 80 and social studies > 80 — Humanities

Q8. Write a program to display "Hello" if a number entered
by user is a multiple of five, otherwise print "Bye"?

Q9. Write a program to check whether the last digit of a number
(entered by user) is divisible by 3 or not?

Q10. Write a program to check whether a number entered
is three-digit number or not?