

1. enter length in centimeter and convert it into meter and kilometer.
2. enter temperature in Celsius and convert it into Fahrenheit.
3. Python program to find power of any number x^y .
4. to check whether a number is even or odd using bitwise operator.
5. check whether a character is alphabet or not.
6. to find maximum between three numbers.
7. to count number of digits in a number.
8. to check whether a string is palindrome or not.
9. count total number of vowels and consonants in a string.
10. Declare a variable without breaking any of the rules
11. Declare this variable "break = 50". Which rule does it break ?
12. Make changes to these variables so that they no longer break the rules to
 1. phone\$number = 12345
 2. 123Name = "Benny"
13. to find highest frequency character in a string.
14. remove all repeated characters from a given string.
15. Write a program to create a tuple of 4 elements
16. Convert this tuple into a list
17. Now delete the first element in this list and convert it back to tuple
18. Solve this equation manually.
 $2 + 3 * 4$
Now write a program to solve this.
Did you get the same answer?
19. Use a logical operator in between two comparison operators and return the value as true
20. Write a program to create a list of 5 elements Update the value at 3rd element of the list
Create another list of 3 elements. Now create a final result as a concatenation of the first two lists
21. Write a program to create a dictionary with 5 key-value pairs Update the value of a key
Copy this dictionary to another dictionary and clear the first dictionary
22. write a program to check if a number is less than 10
23. Write a program to check if a given number is odd or even, Write a program to check if a number is divisible by both 10 as well as 50. If it is divisible by 30 as well, print "This number is divisible by 10, 50 and 30". If not, print "This number divisible by 10 and 50 but not 30"
24. to calculate factorial of a number.
25. to print Fibonacci series up to n terms.
26. print all Strong numbers between 1 to n.

PROBLEM 27) Star Line

Print as many stars as given in input

Sample input:

6

Sample output

```
*****
```

PROBLEM 28) Rectangle using solution of PROBLEM 1) Star Line

Sample input:

4

6

Sample output

```
*****
```

```
*****
```

```
*****
```

```
*****
```

Hint: 4 and 6 means 4 lines of stars having 6 stars in each line.

PROBLEM 29) Triangle - Left Justified

Draw right angled triangle of given height

Sample input:

4

Sample output

```
*
```

```
**
```

```
***
```

```
****
```

Hint: One loop for lines, another loop for printing i number of starts when it is line i.

PROBLEM 30) Triangle - Right Justified

Draw right angled triangle of given height

Sample input:

4

Sample output

```
  *
```

```
  **
```

```
  ***
```

```
  ****
```

Hint: Count and print appropriate number of spaces in front of stars. Notice that there is one less space and one more star in each line.

PROBLEM 31) Triangle - Isosceles

Draw triangle of given height

Sample input 1:

3

Sample output 1:

```
  *
 * * *
* * * * *
```

Sample input 2:

4

Sample output 2:

```
  *
 * * *
* * * * *
* * * * * *
```

PROBLEM 32) Rhombus using PROBLEM 5) Triangle - Isosceles

Just draw the image of the above triangle once. And then, the opposite, once.

Sample input:

3

Sample output

```
  *
 * * *
* * * * *
 * * *
  *
```

এই প্রশ্ন গুলো বানাতে সাহায্য করেছেন মাজেদুল।

C Program বলতে পাইথন বুঝে নিবেন।

ডকে নজর রাখুন।

সকল কোড গিটহাবে আপ করতে হবে।

Thanks