Brain Mentors
We Develop IT Brains

Questions

1. Write a Python program to calculate the sum of `25` and `45` and print it using an f-string.
   Format: `"The sum is: <result>"`
2. Divide `144` by `12` and check if the result is greater than `10`. Print the result using an f-string.
3. Multiply `7` and `8` and print the result using an f-string in this format:
   `"The product is: <result>"`
4. Subtract `30` from `100`, then check if the result is divisible by `10`. Print `True` or `False`.
5. Write a program to calculate the area of a square with a side length of `14` and print the result using an f-string.
6. Add `18` and `32`, then check if their sum is greater than or equal to `50`. Print the result using an f-string.
7. Divide `81` by `9` and print whether the quotient is less than `10`. Use an f-string.
8. Write a Python program to calculate the total cost of `20` bananas, where each banana costs `7.5`. Print the result using an f-string.
9. Check if the square of `6` is greater than `35` and less than `40`. Print the result using an f-string.
10. Write a program to calculate the compound of `25` and `16` (i.e., `25^16`) and print the result using an f-string.
11. Calculate the perimeter of a rectangle with length `12` and width `8`. Print the result using an f-string.
    Formula: `Perimeter = 2 × (Length + Width)`

12. Write a program to calculate the cube of 5 and print the result using an f-string in the format:
    `"The cube is: <result>"`
13. Add 45 and 15, then divide the result by 6. Print the final result using an f-string.
14. Check if the product of 9 and 5 is equal to 45. Print the result using an f-string.
15. Write a Python program to calculate the remainder when 97 is divided by 13. Print the result using an f-string.