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| **S. No** | **Question** | **Input and Output** |
|  | Write a C# Sharp program to print Hello and your name in a separate line.  Using both Place holder, Concatenation and $ Placeholder syntaxes | Hello: Alexandra Abramov  Hello: Alexandra Abramov  Hello: Alexandra Abramov |
|  | Write a C# Sharp program to print on screen the output of adding, subtracting, multiplying, dividing, modulo division of two numbers which will be entered by the user. | Input the first number: 25 Input the second number: 4 *Expected Output:* 25 + 4 = 29 25 - 4 = 21 25 x 4 = 100 25 / 4 = 6 25 % 4 = 1 |
|  | Write a C# program to convert from Celsius degrees to Kelvin and Fahrenheit.  Formula:  (Celsius × 9/5) + 32 = Fahrenheit. | Enter the amount of Celsius: 30 *Expected Output:* Kelvin = 303 Fahrenheit = 86 |
|  | Write a C# program to find volume of Cylinder by getting radius and height from user  Formula: 3.14\* r2 h | Input radius = 2  Height = 4  Volume : 50.24 |
|  | Get student’s Physics, chemistry and math marks and calculate sum and Percentage of marks | Physics- 70  Chemistry –51  Maths – 50  Sum = 171  Percentage = 57 |
|  | Calculate the total price amount of a product get price amount from user and its tax is 18%.  Formula:  Total = Price+ Price\* 0.18 | Price – 1550  Total = 1829 |
|  | Get user input a and b and find   * *(a + b)2 = a2 + 2ab + b2* | a-4  b-2  Output: 36 |
|  | Write a program to convert Given Length value in meter to the following units   1. CM = meter \* 100 2. Mm – CM \* 10 3. Inch – 39.3 \* meter 4. Foot – 12 \* meter 5. Mile - 0.0006213715277778 \* meter |  |
|  | If a vehicle travel in user provided km/hr speed after user provided seconds find how much distance it will travelled in meters  Distance travelled =  Speed in km/hr \*seconds \* 5/18 | Input speed:100 km/hr  Time : 20 sec  Output : 555 Meters |
|  | Compare Value1= 15 and value2= 20  With following operators and print the result   1. Value 1 > Value2 2. Value 1 < Value2 3. Value 1 >= Value2 4. Value 1 == Value2 5. Value 1 != Value2 6. Value 1 <= Value2 7. Value 1>=10 && value 2>=10 8. Value 1 >=10 || value 2 >= 30 9. !(Value 1>20) 10. String value = value1==15 ? “true” : “false”; 11. Value1 ++ 12. Value 1 - - | 1. False 2. True 3. False 4. True 5. False 6. True 7. True 8. True 9. True 10. True 11. 16 12. 15 |