|  |  |  |
| --- | --- | --- |
| **S. No** | **Question** | **Input and Output** |
|  | Write a C# Sharp program to check whether a given number is even or odd. | Test Data : 15 *Expected Output* :  15 is an odd integer |
|  | Write a C# Sharp program to read the age of a candidate and determine whether it is eligible for casting his/her own vote. | Test Data : 21  *Expected Output*: Congratulation!  You are eligible for casting your vote. |
|  | Write a C# Sharp program to find whether a given year is a leap year or not. | Test Data : 2016  *Expected Output* : 2016 is a leap year. |
|  | Write a C# Sharp program to find the largest of three numbers. | Test Data : Input the 1st number :25  Input the 2nd number :63  Input the 3rd number :10  *Expected Output* : The 2nd Number is the greatest among three |
|  | Write a C# Sharp program to get marks from user and find the eligibility of admission for a professional course based on the following criteria:  If total percentage 75% then eligible else not eligible | Test Data :  Physics :65  Chemistry :51  Mathematics :72  *Expected Output* : The candidate is Not eligible for admission. |
|  | Write a C# Sharp program to read temperature in centigrade and display a suitable message according to temperature state below :  Temp < 0 then Freezing weather  Temp 0-10 then Very Cold weather Temp 10-20 then Cold weather Temp 20-30 then Normal in Temp  Temp 30-40 then Its Hot  Temp >=40 then Its Very Hot | Test Data :  42  *Expected Output* : Its very hot. |
|  | Write a program in C# Sharp to calculate and print the Electricity bill of a given customer. The customer id., name and unit consumed by the user should be taken from the keyboard and display the total amount to pay to the customer. The charge are as follow:   |  |  | | --- | --- | | **Unit** | **Charge/unit** | | upto 199 | @1.20 | | 200 and above but less than 400 | @1.50 | | 400 and above but less than 600 | @1.80 | | 600 and above | @2.00 |   The minimum bill should be of Rs. 100/-. For ex: if he consumed about 50 units minimal bill value is 100.  If bill exceeds Rs. 400 then a surcharge of 15% will be charged. | Test Data:  1001 James  800  *Expected Output* : Customer IDNO :1001  Customer Name :James  unit Consumed :800  Amount Charges @Rs. 2.00 per unit : 1600.00  Surchage Amount : 240.00  Net Amount Paid By the Customer : 1840.00 |
|  | Write a C# program to get sugar level information from user and tell him his sugar level in text.  Below – 90 – Low sugar  90-130 – Normal  130 – 140 – medium  140 -170 – high sugar – try to reduce it from now  170 above – You are a very high Sugar Patient | Input – 200  Output - You are a very high Sugar Patient |
|  | Write a C# program to find the season  "December, January, February" – winter  "March, April, May" – spring  "June, July, August" - summer  "September, October, November" - rainfall | Input – April  Output - spring |
|  | Write a program to check the user provided password is Right or wrong  Default = HiTeam | Input1: HiJira  Ouput1: Wrong password  Input 2: HiTeam  Output2: Right password |