**Question # 01:**

Election commission of Pakistan conducted elections and they developed a system in which candidate age is required to enter and it will determine whether it is eligible for casting his/her own vote. Write a c language code for this purpose.

**Question # 02:**

Write a program to calculate discounted price of an item, if item price is greater than 500, give him 20% discount or if item price is less than 500 give no discount.

**Question # 03:**

Write a program to find maximum number between three numbers.

**Question # 04:**

Azam wants a system in which he enters any day number in integer and system displays corresponding day name. For example, 1=>Monday, 2=>Tuesday and so on. (Hint: Use switch case for this scenario)

**Question # 05:**

Write a c language program for the computation of various geometrical shapes area. Use switch case for this purpose. If user enters the following choice

* Choice = 1 then compute area of circle.
* Choice = 2 then compute area of rectangle.
* Choice = 3 then compute area of triangle.

**Sample Output:**

Input 1 for area of circle

Input 2 for area of rectangle

Input 3 for area of triangle

Input your choice : 1

Input radious of the circle : 5

The area is : 78.500000

**Question # 06:**

A hotel has a pricing policy as follows:

**a.** 2 people: $85

**b.** 3 people: $90

**c.** 4 people: $95

**d.** Additional people: $6 per person

If the customer is staying on company business, there is a 20% discount. If the customer

Is over 60 years of age, there is a 15% discount. A customer does not receive both discounts. Given the above data, print the cost of the room.