INDEX

Question 1: Write a program to print “Hello World”.

Coding:-

```
// Program to print "Hello World"
#include<stdio.h>
#include<conio.h>
void main()
{
  clrscr();
  printf("Hello World");
  getch();
}
```

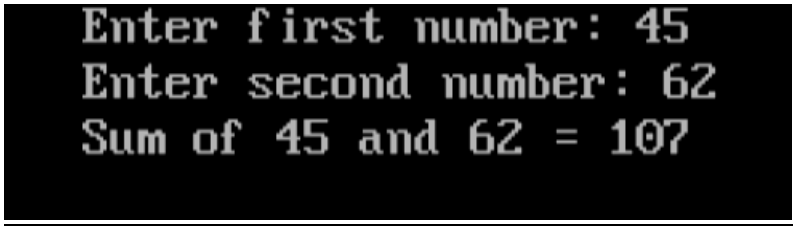
Output:-

Question 2: Write a program to find sum of two numbers.

Coding:-

```
//Program to find sum of two numbers
#include<stdio.h>
#include<conio.h>
void main()
{
  int n1,n2,sum;
  clrscr();
  printf("Enter first number: ");
  scanf("%d",&n1);
  printf("Enter second number: ");
  scanf("%d",&n2);
  sum=n1+n2;
  printf("Sum of %d and %d = %d",n1,n2,sum);
  getch();
}
```

Output:-

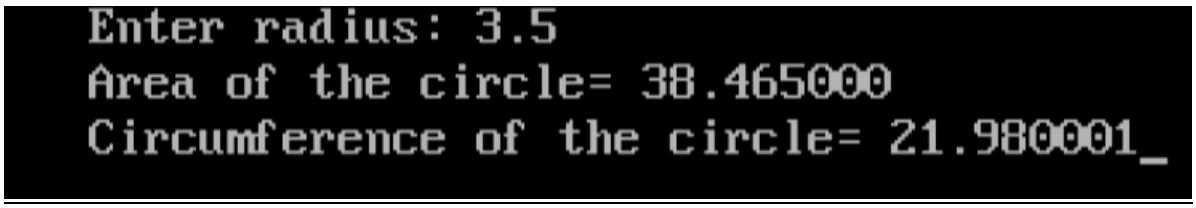


Question 3: Write a program to find area and circumference of circle.

Coding:-

```
//Program to find area and circumference of circle
#include<stdio.h>
#include<conio.h>
void main()
{
  float pi,r,area,cir;
  clrscr();
  pi=3.14;
  printf("Enter radius: ");
  scanf("%f",&r);
  area=pi*r*r;
  cir=2*pi*r;
  printf("Area of the circle= %f\n",area);
  printf("Circumference of the circle= %f",cir);
  getch();
}
```

Output:-

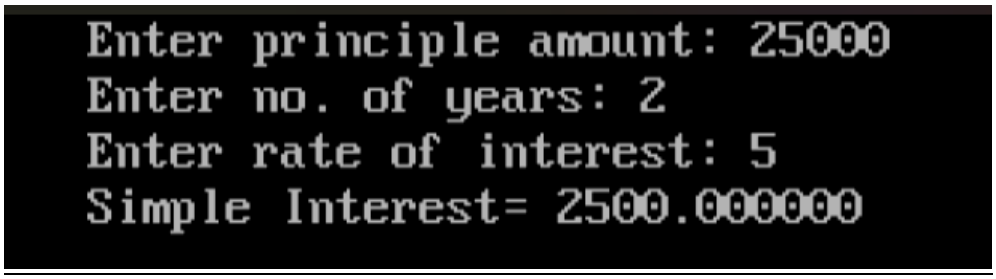


Question 4: Write a program to find the simple interest.

Coding:-

```
//Program to find the simple interest
#include<stdio.h>
#include<conio.h>
void main()
{
  float p,n,r,SI;
  clrscr();
  printf("Enter principle amount: ");
  scanf("%f",&p);
  printf("Enter no. of years: ");
  scanf("%f",&n);
  printf("Enter rate of interest: ");
  scanf("%f",&r);
  SI=(p*n*r)/100;
  printf("Simple Interest= %f",SI);
  getch();
}
```

Output:-



Question 5: Write a program to convert temperature from degree centigrade to Fahrenheit.

Coding:-

```
//Program for conversion of temperature
#include<stdio.h>
#include<conio.h>
void main()
{
  float temp,conv;
  clrscr();
  printf("Enter temperature in degree Centigrade: ");
  scanf("%f",&temp);
  conv=(temp*1.8)+32;
  printf("%f degree celcius in fahrenheit= %f",temp,conv);
  getch();
}
```

Output:-

```
Enter temperature in degree Centigrade: 98
98.000000 degree celcius in fahrenheit= 208.399994
```

Question 6: Write a program to calculate sum of 5 subjects and find percentage.

Coding:-

```
//Program to print the marksheet of a student
#include<stdio.h>
#include<conio.h>
void main()
{
  float m1,m2,m3,m4,m5,total,per;
  clrscr();
  printf("Enter marks of first subject: ");
  scanf("%f",&m1);
  printf("Enter marks of second subject: ");
  scanf("%f",&m2);
  printf("Enter marks of third subject: ");
  scanf("%f",&m3);
  printf("Enetr marks of fourth subject: ");
  scanf("%f",&m4);
  printf("Enter marks of fifth subject: ");
  scanf("%f",&m5);
  total=m1+m2+m3+m4+m5;
  per=total/5;
  printf("Total marks= %f\n",total);
  printf("Percentage= %f%",per);
  getch();
}
```

Output:-

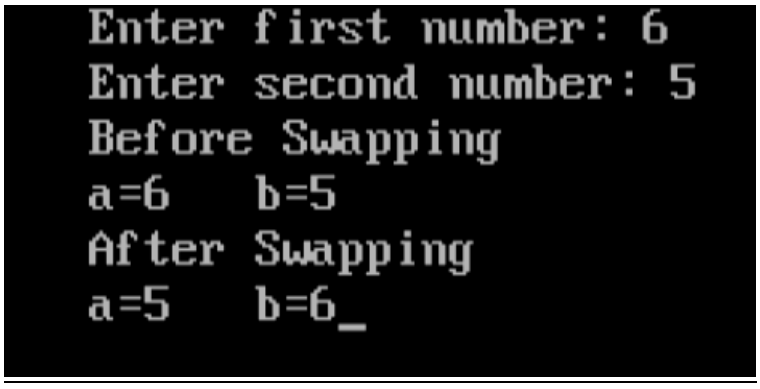
```
Enter marks of first subject: 98
Enter marks of second subject: 78
Enter marks of third subject: 82
Enetr marks of fourth subject: 66
Enter marks of fifth subject: 92
Total marks= 416.000000
Percentage= 83.199997%
```

Question 7: Write a program to show swap of two no's using third variable.

Coding:-

```
//Program to show swapping of two numbers using third variable
#include<stdio.h>
#include<conio.h>
void main()
{
  int a,b,c;
  clrscr();
  printf("Enter first number: ");
  scanf("%d",&a);
  printf("Enter second number: ");
  scanf("%d",&b);
  printf("Before Swapping\n");
  printf("a=%d   b=%d\n",a,b);
  c=a;
  a=b;
  b=c;
  printf("After Swapping\n");
  printf("a=%d   b=%d",a,b);
  getch();
}
```

Output:-

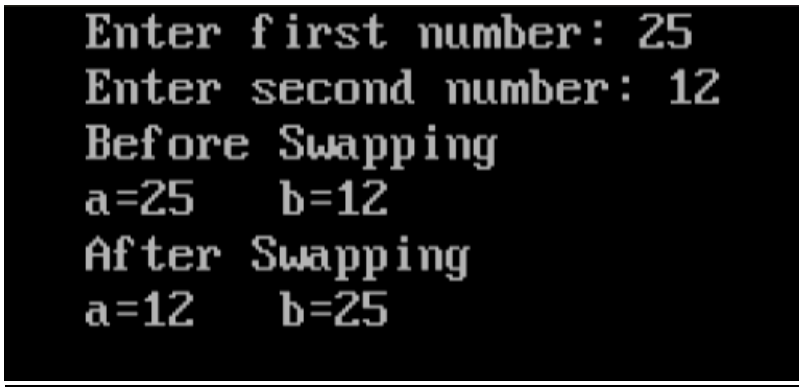


Question 8: Write a program to show swap of two no's without using third variable.

Coding:-

```
//Program to swap two numbers without using third variable
#include<stdio.h>
#include<conio.h>
void main()
{
  int a,b;
  clrscr();
  printf("Enter first number: ");
  scanf("%d",&a);
  printf("Enter second number: ");
  scanf("%d",&b);
  printf("Before Swapping\n");
  printf("a=%d   b=%d\n",a,b);
  a=a+b;
  b=a-b;
  a=a-b;
  printf("After Swapping\n");
  printf("a=%d   b=%d",a,b);
  getch();
}
```

Output:-

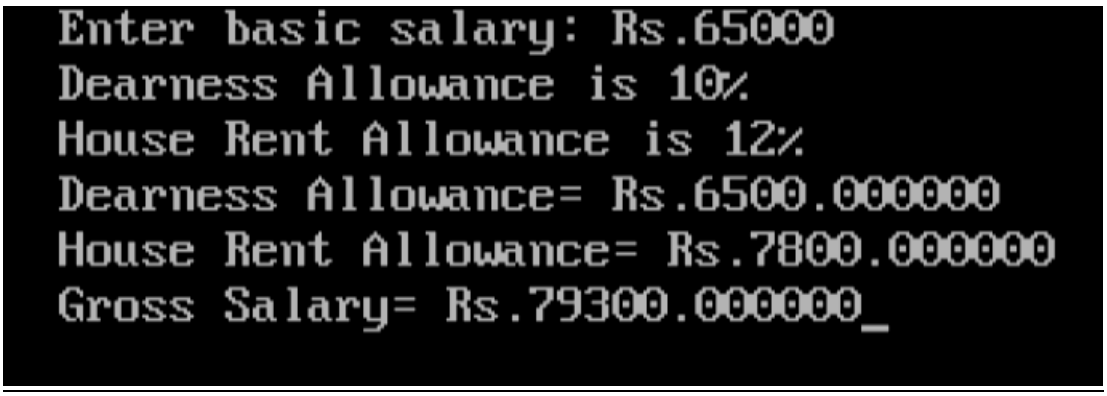


Question 9: Write a program to find gross salary.

Coding:-

```
//Program to find gross salary
#include<stdio.h>
#include<conio.h>
void main()
{
  float bsal,grsal,da,hra;
  clrscr();
  printf("Enter basic salary: Rs.");
  scanf("%f",&bsal);
  printf("Dearness Allowance is 10%\n");
  printf("House Rent Allowance is 12%\n");
  da=(10*bsal)/100;
  hra=(12*bsal)/100;
  printf("Dearness Allowance= Rs.%f\n",da);
  printf("House Rent Allowance= Rs.%f\n",hra);
  grsal=bsal+da+hra;
  printf("Gross Salary= Rs.%f",grsal);
  getch();
}
```

Output:-

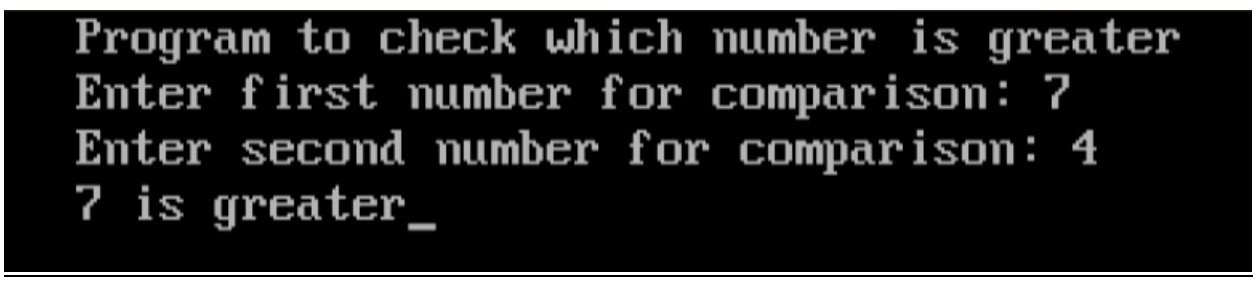


Question 10: Write a program to show the use of conditional operator.

Coding:-

```
//Program to show the use of conditional operator
#include<stdio.h>
#include<conio.h>
void main()
{
  int n1,n2;
  clrscr();
  printf("Program to check which number is greater\n");
  printf("Enter first number for comparison: ");
  scanf("%d",&n1);
  printf("Enter second number for comparison: ");
  scanf("%d",&n2);
  if(n1>n2)
{
    printf("%d is greater",n1);
}
  else if(n1<n2)
{
    printf("%d is greater",n2);
}
  else
{
    printf("%d and %d are equal",n1,n2);
}
  getch();
}
```

Output:-

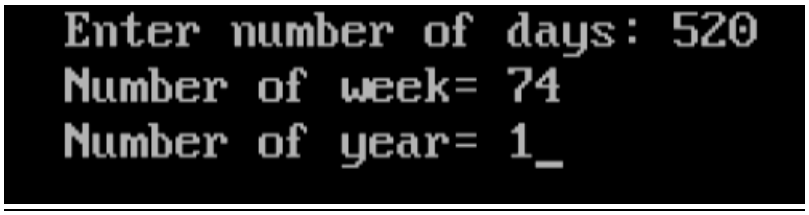


Question 11: Write a program to input the value of days from user and convert into number of weeks and years. Print the result.

Coding:-

```
//Program to convert days into weeks and years
#include<stdio.h>
#include<conio.h>
void main()
{
  int days,week,year;
  clrscr();
  printf("Enter number of days: ");
  scanf("%d",&days);
  week=days/7;
  year=days/365;
  printf("Number of week= %d\n",week);
  printf("Number of year= %d",year);
  getch();
}
```

Output:-

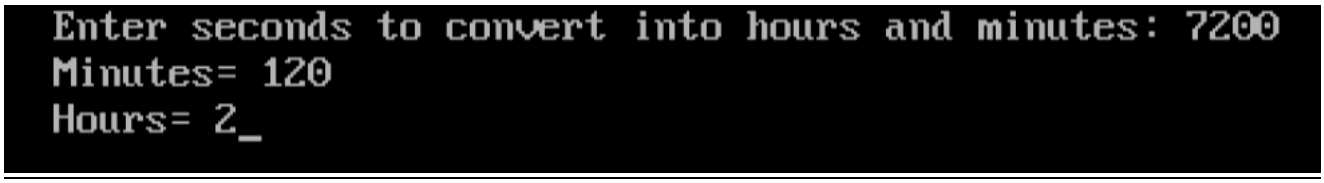


Question 12: Write a C program to calculate hours and minutes where take value of time in seconds from user.

Coding:-

```
//Program to convert seconds into hours and minutes
#include<stdio.h>
#include<conio.h>
void main()
{
  int sec,hrs,min;
  clrscr();
  printf("Enter seconds to convert into hours and minutes: ");
  scanf("%d",&sec);
  min=sec/60;
  hrs=min/60;
  printf("Minutes= %d\n",min);
  printf("Hours= %d",hrs);
  getch();
}
```

Output:-

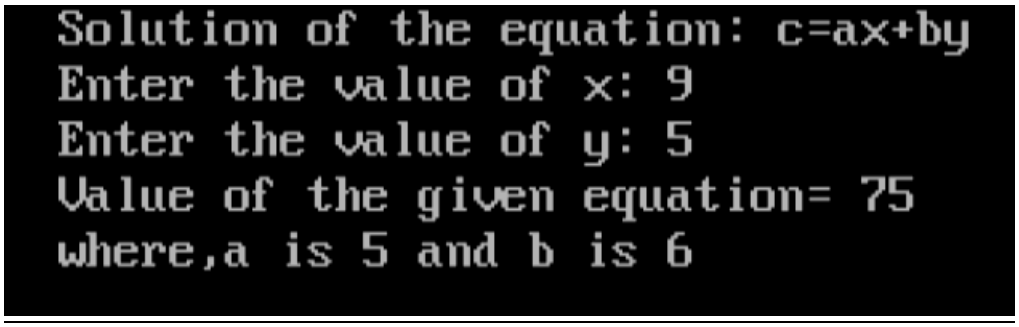


Question 13: Write a program to solve the following equation. c=ax+by. (Consider a=5 and b=6) Take values of x and y from user.

Coding:-

```
//Program to solve the equation
#include<stdio.h>
#include<conio.h>
void main()
{
  int a,b,c,x,y;
  clrscr();
  printf("Solution of the equation: c=ax+by\n");
  a=5;
  b=6;
  printf("Enter the value of x: ");
  scanf("%d",&x);
  printf("Enter the value of y: ");
  scanf("%d",&y);
  c=(a*x)+(b*y);
  printf("Value of the given equation= %d\nwhere,a is 5 and b is 6",c);
  getch();
}
```

Output:-

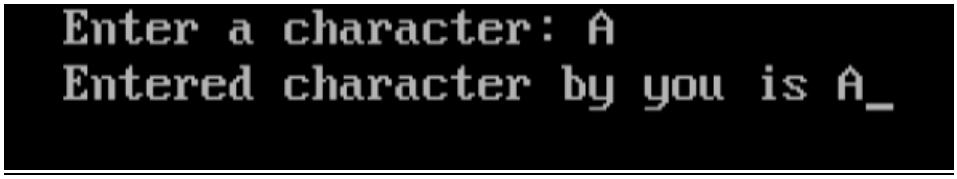


Question 14: Write a program to read a character from user and print on screen using getchar() and putchar() functions.

Coding:-

```
//Program to read a character from user
#include<stdio.h>
#include<conio.h>
void main()
{
  char ch;
  clrscr();
  printf("Enter a character: ");
  ch=getchar();
  printf("Entered character by you is ");
  putchar(ch);
  getch();
}
```

Output:-

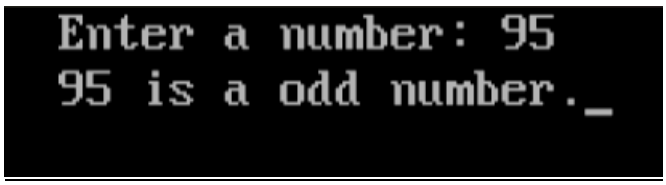


Question 15: Write a program to find whether given no. is even or odd.

Coding:-

```
//Program to check the given number is even or odd
#include<stdio.h>
#include<conio.h>
void main()
{
  int n;
  clrscr();
  printf("Enter a number: ");
  scanf("%d",&n);
  if(n%2==0)
  {
    printf("%d is a even number.",n);
  }
  else
  {
    printf("%d is a odd number.",n);
  }
  getch();
}
```

Output:-

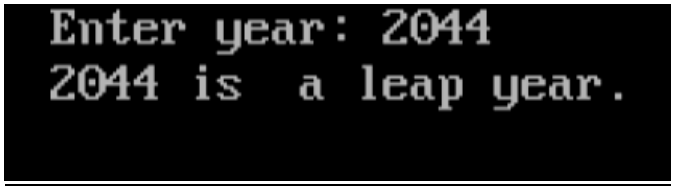


Question 16: Write a program to find that entered year is leap year or not.

Coding:-

```
//Program to check whether the entered year is leap year or not
#include<stdio.h>
#include<conio.h>
void main()
{
  int year;
  clrscr();
  printf("Enter year: ");
  scanf("%d",&year);
  if(year%400==0)
{
    printf("%d is a leap year.",year);
}
  else if(year%4==0 && year%100!=0)
{
    printf("%d is  a leap year.",year);
}
  else
{
    printf("%d is not a leap year.",year);
}
  getch();
}
```

Output:-

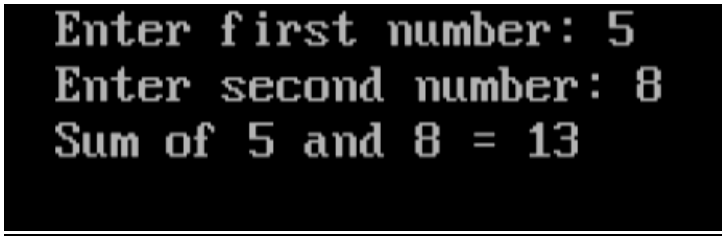


Question 17: Write a program to calculate sum of odd and even numbers.

Coding:-

```
//Program to calculate the sum of odd and even numbers
#include<stdio.h>
#include<conio.h>
void main()
{
  int n1,n2,sum;
  clrscr();
  printf("Enter first number: ");
  scanf("%d",&n1);
  printf("Enter second number: ");
  scanf("%d",&n2);
  sum=n1+n2;
  printf("Sum of %d and %d = %d\n",n1,n2,sum);
  if(n1%2!=0 && n2%2!=0)
{
    printf("Entered numbers are odd!Please enter one odd & one even number");
}
  else if(n1%2==0 && n2%2==0)
{
    printf("Entered numbers are even!Please enter one odd & one even number");
}
  getch();
}
```

Output:-

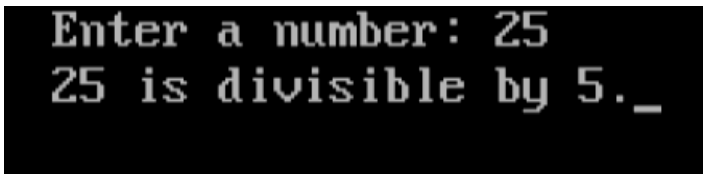


Question 18: Write a program whether given integer is divisible by 5.

Coding:-

```
//Program to check whether the number is divisible by 5
#include<stdio.h>
#include<conio.h>
void main()
{
  int n;
  clrscr();
  printf("Enter a number: ");
  scanf("%d",&n);
  if(n%5==0)
  {
    printf("%d is divisible by 5.",n);
  }
  else
  {
    printf("%d is not divisible by 5.",n);
  }
  getch();
}
```

Output:-

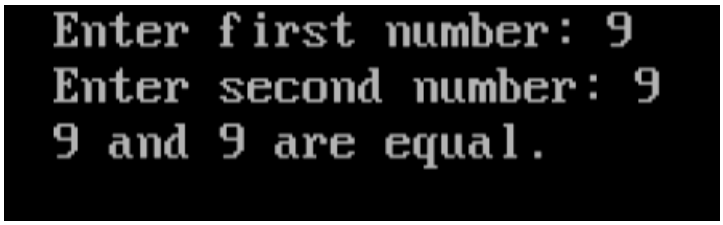


Question 19: Write a program to accept two numbers and check whether both are equal.

Coding:-

```
//Program to check whether both entered numbers are equal
#include<stdio.h>
#include<conio.h>
void main()
{
  int n1,n2;
  clrscr();
  printf("Enter first number: ");
  scanf("%d",&n1);
  printf("Enter second number: ");
  scanf("%d",&n2);
  if(n1==n2)
  {
    printf("%d and %d are equal.",n1,n2);
  }
  else
  {
    printf("%d and %d are not equal.",n1,n2);
  }
  getch();
}
```

Output:-

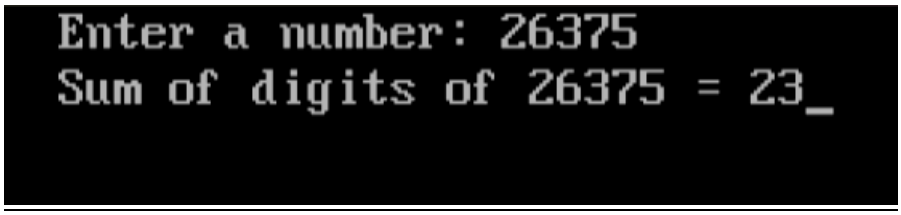


Question 20: Write a program to compute sum of all digits in a number.

Coding:-

```
//Program to calulate sum of digits in a number
#include<stdio.h>
#include<conio.h>
void main()
{
  int n,r,n1;
  int sum=0;
  clrscr();
  printf("Enter a number: ");
  scanf("%d",&n);
  n1=n;
  while(n!=0)
  {
    r=n%10;
    sum=sum+r;
    n=n/10;
  }
  printf("Sum of digits of %d = %d",n1,sum);
  getch();
}
```

Output:-

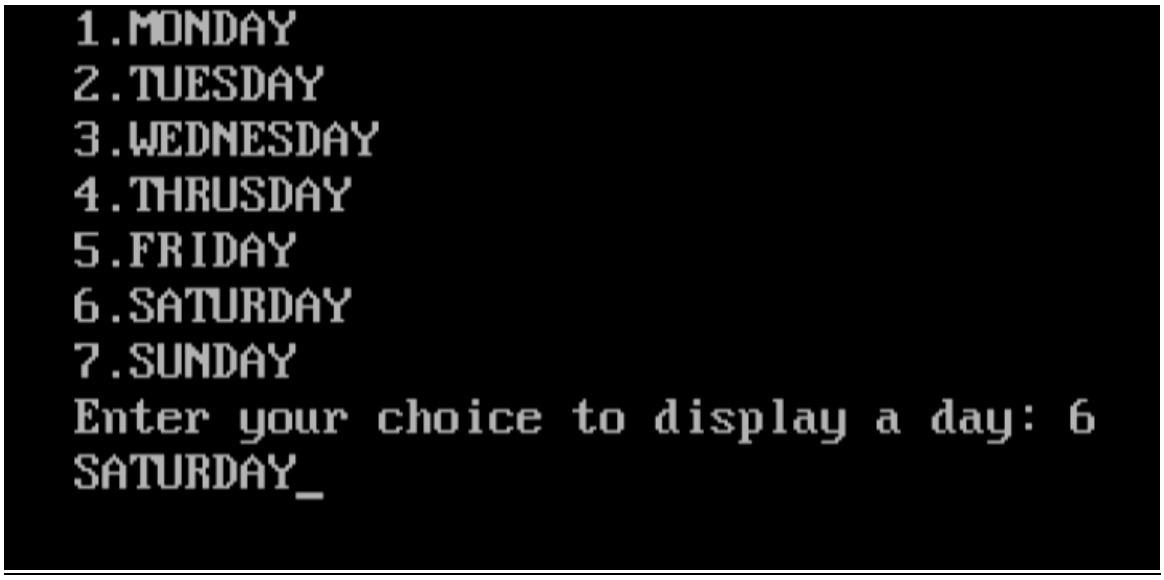


Question 21: Write a program to show Monday to Sunday using switch case.

Coding:-

```
//Program to show monday to sunday using switch case
#include<stdio.h>
#include<conio.h>
void main()
{
  int day;
  clrscr();
  printf("1.MONDAY\n");
  printf("2.TUESDAY\n");
  printf("3.WEDNESDAY\n");
  printf("4.THRUSDAY\n");
  printf("5.FRIDAY\n");
  printf("6.SATURDAY\n");
  printf("7.SUNDAY\n");
  printf("Enter your choice to display a day: ");
  scanf("%d",&day);
  switch(day)
  {
    case 1:printf("MONDAY");
    break;
    case 2:printf("TUESDAY");
    break;
    case 3:printf("WEDNESDAY");
    break;
    case 4:printf("THRUSDAY");
    break;
    case 5:printf("FRIDAY");
    break;
    case 6:printf("SATURDAY");
    break;
    case 7:printf("SUNDAY");
    break;
    default:printf("Wrong input! Please enter a valid input.");
  }
  getch();
}
```

Output:-

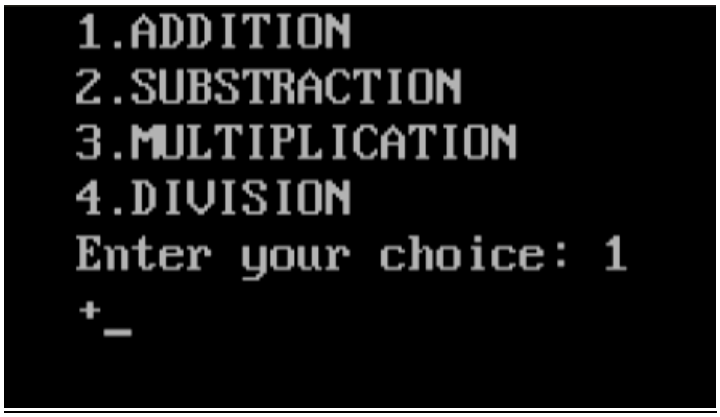


Question 22: Write a program to show arithmetic operators using switch case.

Coding:-

```
//Program to show arithematic operators using switch case
#include<stdio.h>
#include<conio.h>
void main()
{
  int ch;
  clrscr();
  printf("1.ADDITION\n");
  printf("2.SUBSTRACTION\n");
  printf("3.MULTIPLICATION\n");
  printf("4.DIVISION\n");
  printf("Enter your choice: ");
  scanf("%d",&ch);
  switch(ch)
  {
    case 1:printf("+");
    break;
    case 2:printf("-");
    break;
    case 3:printf("*");
    break;
    case 4:printf("/");
    break;
    default:printf("Wrong input! Please enter a valid input.");
  }
  getch();
}
```

Output:-

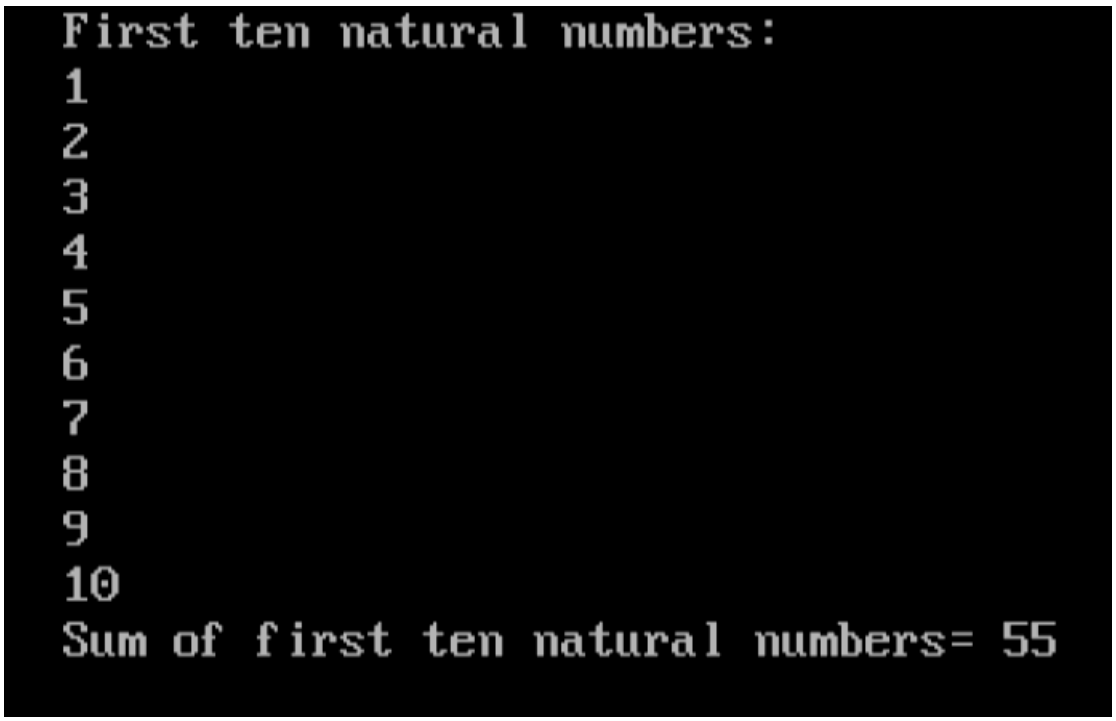


Question 23: Write a program to display first 10 natural numbers & their sum.

Coding:-

```
//Program to display 10 natural numbers & their sum
#include<stdio.h>
#include<conio.h>
void main()
{
  int i;
  int sum=0;
  clrscr();
  printf("First ten natural numbers:\n");
  for(i=1;i<=10;i++)
  {
    printf("%d\n",i);
    sum=sum+i;
  }
  printf("Sum of first ten natural numbers= %d",sum);
  getch();
}
```

Output:-



Question 24: Write a program to print Fibonacci series upto 100.

Coding:-

```
//Program to print fibonacci series up to 100
#include<stdio.h>
#include<conio.h>
void main()
{
  int a,b;
  int s=0;
  clrscr();
  a=0;
  b=1;
  printf("Fibonacci Series:\n%d\t%d",a,b);
  do
  {
    s=a+b;
    if(s>=100)
    {
      break;
    }
    printf("\t%d",s);
    a=b;
    b=s;
  }
  while(s<=100);
  getch();
}
```

Output:-

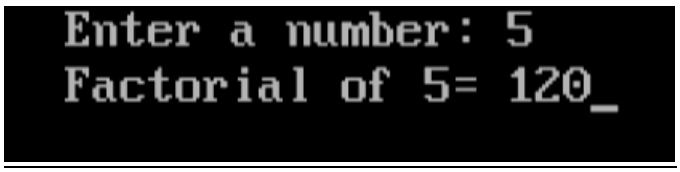
```
Fibonacci Series:
0       1       1       2       3       5       8       13      21      34
55      89
```

Question 25: Write a program to find factorial of a number.

Coding:-

```
//Program to find the factorial of a number
#include<stdio.h>
#include<conio.h>
void main()
{
  int n,i;
  int fact=1;
  clrscr();
  printf("Enter a number: ");
  scanf("%d",&n);
  for(i=1;i<=n;i++)
  {
    fact=fact*i;
  }
  printf("Factorial of %d= %d",n,fact);
  getch();
}
```

Output:-

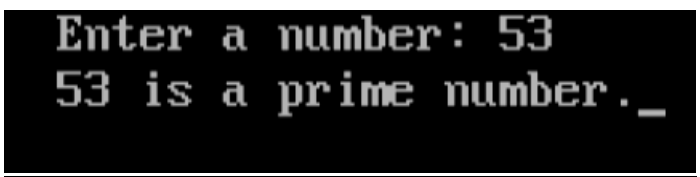


Question 26: Write a program to find whether given no. is a prime no. or not.

Coding:-

```
//Program to find whether entered number is prime or not
#include<stdio.h>
#include<conio.h>
void main()
{
  int n,i;
  int c=0;
  clrscr();
  printf("Enter a number: ");
  scanf("%d",&n);
  for(i=1;i<=n;i++)
  {
    if(n%i==0)
    {
      c=c++;
    }
  }
  if(c==2)
  {
    printf("%d is a prime number.",n);
  }
  else if(n==1)
  {
    printf("%d is neither prime nor composite number.",n);
  }
  else
  {
    printf("%d is not a prime number.",n);
  }
  getch();
}
```

Output:-



Question 27: Write a program to display sum of series 1+1/2+1/3+……+1/n.

Coding:-

```
//Program to display sum of series
#include<stdio.h>
#include<conio.h>
void main()
{
  float i,n;
  float sum=0.0;
  clrscr();
  printf("Pattern of series given in the question: 1+1/2+1/3+.....+1/n");
  printf("\nEnter the limit: ");
  scanf("%f",&n);
  for(i=1;i<=n;i++)
  {
    sum=sum+(1/i);
  }
  printf("Sum of series= %f",sum);
  getch();
}
```

Output:-

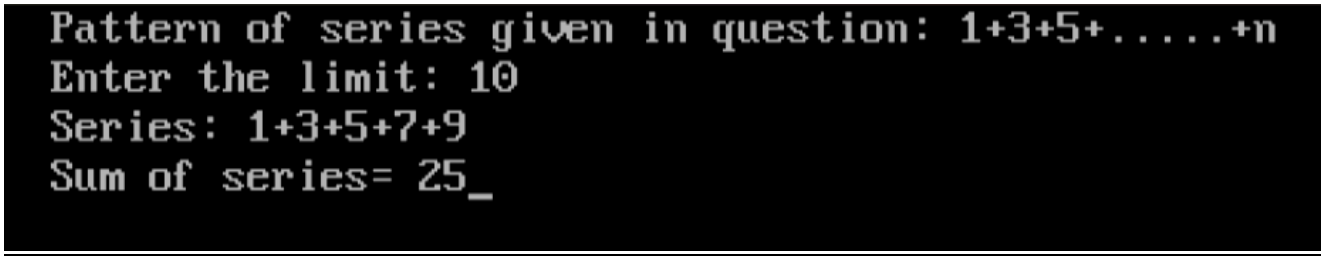
```
Pattern of series given in the question: 1+1/2+1/3+.....+1/n
Enter the limit: 5
Sum of series= 2.283334_
```

Question 28:- Write a program to display series and find sum of 1+3+5+……..+n.

Coding:-

```
//Program to display series and sum of the series
#include<stdio.h>
#include<conio.h>
void main()
{
  int n,i;
  int sum=1;
  clrscr();
  printf("Pattern of series given in question: 1+3+5+.....+n\n");
  printf("Enter the limit: ");
  scanf("%d",&n);
  printf("Series: 1");
  for(i=3;i<=n;i+=2)
  {
    printf("+%d",i);
    sum=sum+i;
  }
  printf("\nSum of series= %d",sum);
  getch();
}
```

Output:-

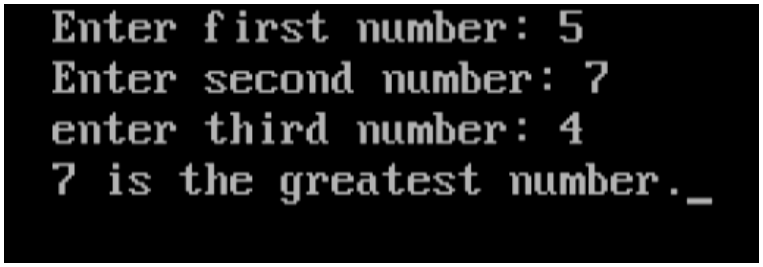


Question 29: Write a program to decide which number is maximum among 3 numbers entered by user.

Coding:-

```
//Program to find the greatest number among three numbers
#include<stdio.h>
#include<conio.h>
void main()
{
 int n1,n2,n3;
 clrscr();
 printf("Enter first number: ");
 scanf("%d",&n1);
 printf("Enter second number: ");
 scanf("%d",&n2);
 printf("enter third number: ");
 scanf("%d",&n3);
 if(n1>n2&&n1>n3)
 {
  printf("%d is the greatest number.",n1);
 }
 else if(n2>n1&&n2>n3)
 {
  printf("%d is the greatest number.",n2);
 }
 else if(n3>n1&&n3>n2)
 {
  printf("%d is the greatest number.",n3);
 }
 else if(n1==n2&&n1>n3)
 {
  printf("%d & %d is equal but greater than %d.",n1,n2,n3);
 }
 else if(n2==n3&&n2>n1)
 {
  printf("%d & %d is equal but greater than %d.",n2,n3,n1);
 }
 else if(n1==n3&&n3>n2)
 {
  printf("%d & %d is equal but greater than %d.",n1,n3,n2);
 }
 else if(n1==n2&&n2==n3)
 {
  printf("All the three numbers(%d,%d,%d) entered are equal!",n1,n2,n3);
  printf("\nPlease enter different numbers to compare.");
 }
 getch();
}
```

Output:-

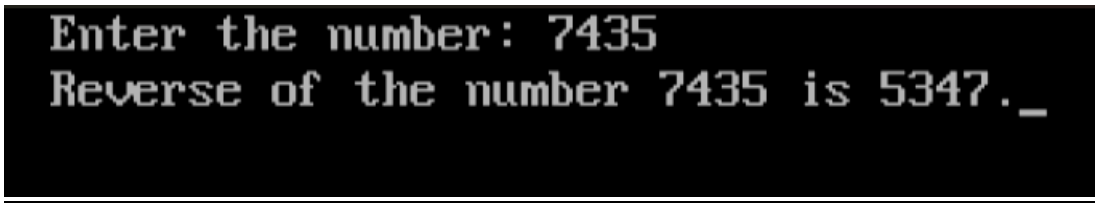


Question 30: Write a program to reverse the digits of the number entered by user.

Coding:-

```
//Program to reverse the digits of the number
#include<stdio.h>
#include<conio.h>
void main()
{
  int n,n1,rem;
  int r=0;
  clrscr();
  printf("Enter the number: ");
  scanf("%d",&n);
  n1=n;
  while(n!=0)
  {
    rem=n%10;
    r=r*10+rem;
    n=n/10;
  }
  printf("Reverse of the number %d is %d.",n1,r);
  getch();
}
```

Output:-

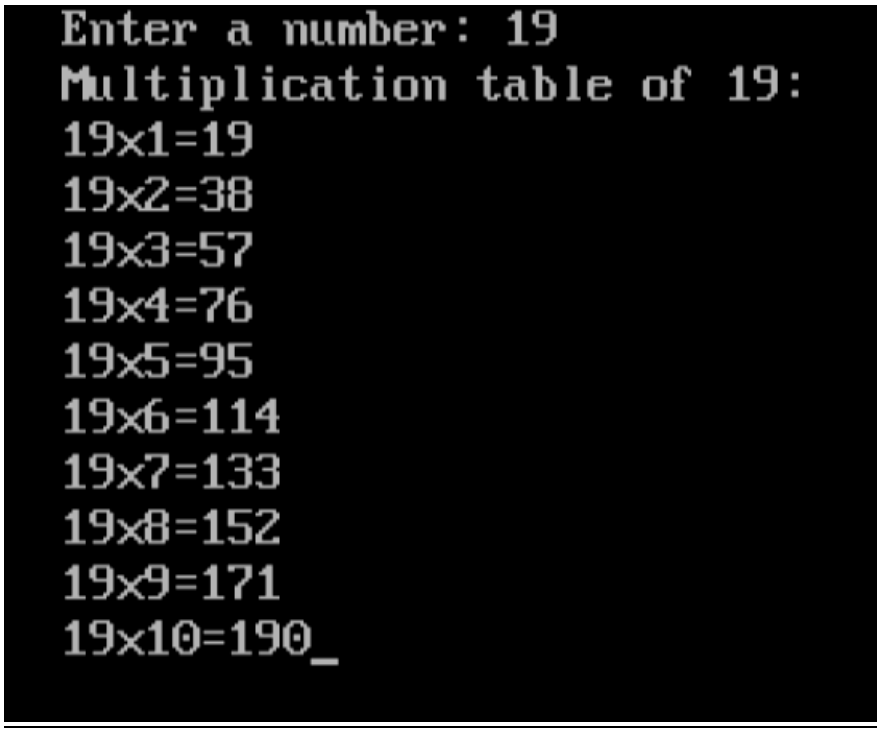


Question 31: Write a program to find table of any number entered by user.

Coding:-

```
//Program to find multiplication table of a number
#include<stdio.h>
#include<conio.h>
void main()
{
  int n,i,m;
  clrscr();
  printf("Enter a number: ");
  scanf("%d",&n);
  printf("Multiplication table of %d:",n);
  for(i=1;i<=10;i++)
  {
    m=n*i;
    printf("\n%dx%d=%d",n,i,m);
  }
  getch();
}
```

Output:-

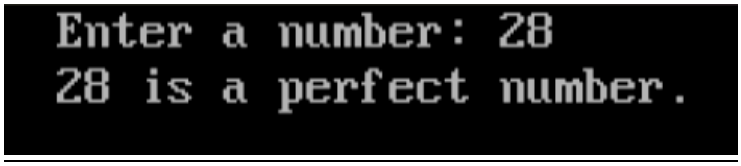


Question 32: Write a program to find perfect number.

Coding:-

```
//Program to find perfect number
#include<stdio.h>
#include<conio.h>
void main()
{
 int n,i;
 int sum=0;
 clrscr();
 printf("Enter a number: ");
 scanf("%d",&n);
 for(i=1;i<n;i++)
 {
  if(n%i==0)
  {
   sum=sum+i;
  }
 }
 if(sum==n)
 {
  printf("%d is a perfect number.",n);
 }
 else
 {
  printf("%d is not a perfect number.",n);
 }
 getch();
}
```

Output:-

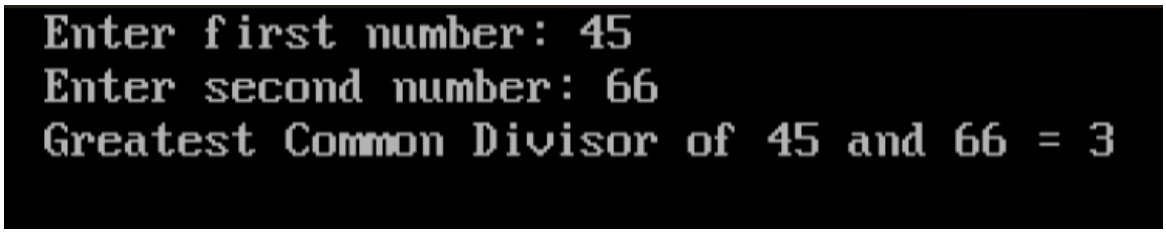


Question 33: Write a program to find GCD of two numbers.

Coding:-

```
//Program to find GCD of two numbers
#include<stdio.h>
#include<conio.h>
void main()
{
  int n1,n2,i,j,gcd;
  clrscr();
  printf("Enter first number: ");
  scanf("%d",&n1);
  printf("Enter second number: ");
  scanf("%d",&n2);
  for(i=1;i<=n1;i++)
  {
    for(j=1;j<=n2;j++)
    {
      if(n1%i==0&&n2%i==0)
      {
            gcd=i;
      }
    }
  }
  printf("Greatest Common Divisor of %d and %d = %d",n1,n2,gcd);
  getch();
}
```

Output:-



Question 34: Write a program to display array members and sort array members.

Coding:-

```
//Program to display and sort arrray members
#include<stdio.h>
#include<conio.h>
void main()
{
 int a[50],l,i,j,temp;
 clrscr();
 printf("Enter the length of array elements: ");
 scanf("%d",&l);
 printf("Enter array elements:\n");
 for(i=0;i<l;i++)
 {
  scanf("%d",&a[i]);
 }
 printf("Array Elements:\n");
 for(i=0;i<l;i++)
 {
  printf("%d\t",a[i]);
 }
 for(i=0;i<l;i++)
 {
  for(j=i+1;j<l;j++)
  {
   if(a[i]>a[j])       //sorting elements in ascending order
   {
        temp=a[i];
        a[i]=a[j];
        a[j]=temp;
   }
  }
 }
 printf("\nArray elements after sorting:\n");
 for(i=0;i<l;i++)
 {
  printf("%d\t",a[i]);
 }
 getch();
}
```

Output:-

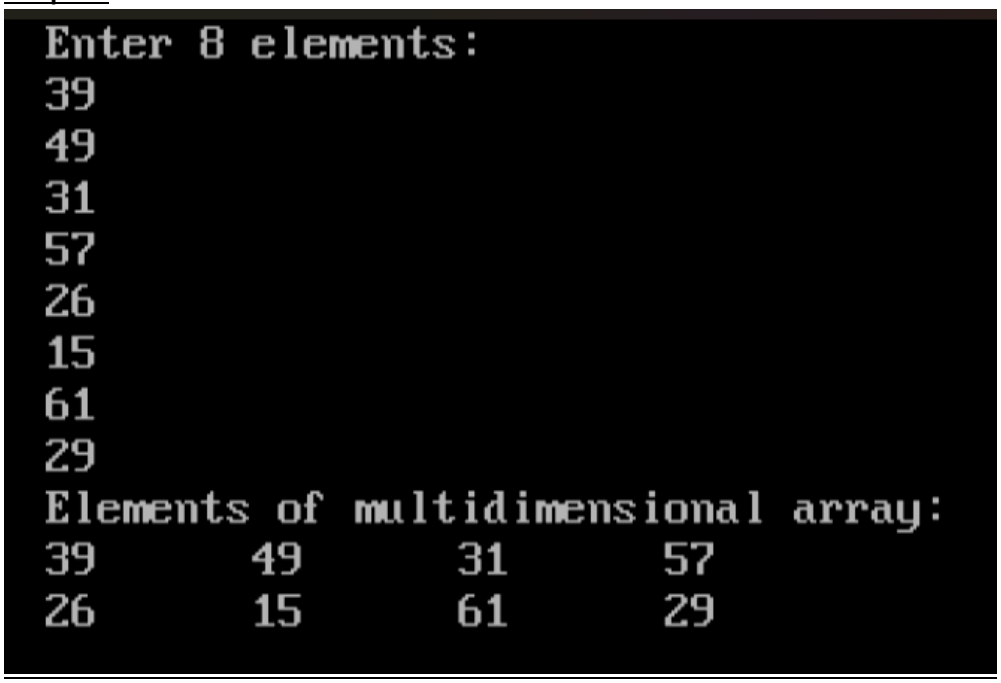
```
Enter the length of array elements: 5
Enter array elements:
7
4
9
2
5
Array Elements:
7       4       9       2       5
Array elements after sorting:
2       4       5       7       9
```

Question 35: Write a program to display array members of multidimensional array.

Coding:-

```
//Program to display members of multidimensional array
#include<stdio.h>
#include<conio.h>
void main()
{
 int a[2][4],i,j;
 clrscr();
 printf("Enter 8 elements:\n");
 for(i=0;i<2;i++)
 {
  for(j=0;j<4;j++)
  {
   scanf("%d",&a[i][j]);
  }
 }
 printf("Elements of multidimensional array:\n");
 for(i=0;i<2;i++)
 {
  for(j=0;j<4;j++)
  {
   printf("%d\t",a[i][j]);
  }
  printf("\n");
 }
 getch();
}
```

Output:-



Question 36: Write a program to implement basic concepts of pointer.

Coding:-

```
//Program to implement basic concepts of pointer
#include<stdio.h>
#include<conio.h>
void main()
{
  int a=5;
  char b='p';
  float c=4.2;
  clrscr();
  printf("Memory Address of a=%u\n",&a);
  printf("Memory Address of b=%u\n",&b);
  printf("Memory Address of c=%u",&c);
  getch();
}
```

Output:-

```
Memory Address of a=65524
Memory Address of b=65523
Memory Address of c=65518
```

Question 37:- Write a program to declare and initialize the string.

Coding:-

```
//Program to declare and initialize a string
#include<stdio.h>
#include<conio.h>
void main()
{
  char name[30];
  clrscr();
  printf("Enter your Name: ");
  gets(name);
  printf("My name is ");
  puts(name);
  getch();
}
```

Output:-

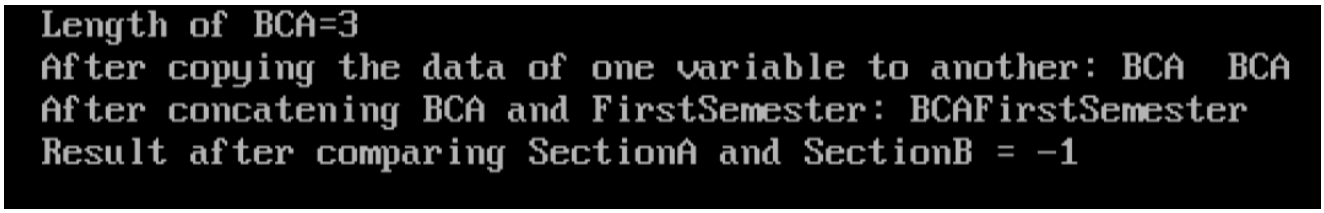
```
Enter your Name: Saumya Deep
My name is Saumya Deep
```

Question 38: Write a program to implement standard library functions: strlen(), strcpy(), strcat(), strcmp().

Coding:-

```
//Program to implement standard library functions
#include<stdio.h>
#include<conio.h>
#include<string.h>
void main()
{
  char a[]="BCA";
  char b[]="SectionA";
  char c[]="SectionB";
  char d[]="FirstSemester";
  char e[30];
  int len,result;
  clrscr();
  len=strlen(a);
  printf("Length of %s=%d\n",a,len);
  strcpy(e,a);
  printf("After copying the data of one variable to another: %s\t%s\n",a,e);
  printf("After concatening %s and %s: ",a,d);
  strcat(a,d);
  printf("%s\n",a);
  result=strcmp(b,c);
  printf("Result after comparing %s and %s = %d",b,c,result);
  getch();
}
```

Output:-

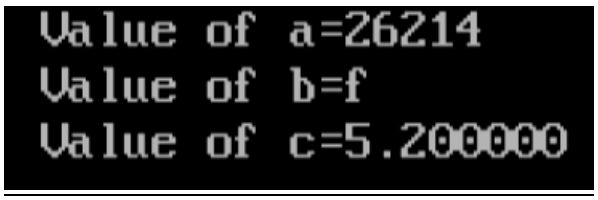


Question 39: Write a program to declare and initialize a union.

Coding:-

```
//Program to declare and initialize the union
#include<stdio.h>
#include<conio.h>
union uni
{
  int a;
  char b;
  float c;
};
void main()
{
  union uni u;
  clrscr();
  u.a=5;
  u.b='k';
  u.c=5.2;
  printf("Value of a=%d\nValue of b=%c\nValue of c=%f",u.a,u.b,u.c);
  getch();
}
```

Output:-



Question 40: Write a program to check entered string is palindrome or not.

Coding:-

```
//Program to check entered string is palindrome or not
#include<stdio.h>
#include<conio.h>
#include<string.h>
void main()
{
  char s1[50];
  char s2[50];
  clrscr();
  printf("Enter a string: ");
  gets(s1);
  strcpy(s2,s1);
  strrev(s2);
  if(strcmp(s1,s2)==0)
  {
    printf("%s is a palindrome string.",s1);
  }
  else
  {
    printf("%s is not a palindrome string.",s1);
  }
  getch();
}
```

Output:-