ASSIGNMENT 04 ALL ANSWERS:-

Q(1>>>6):-

```
// printing question no. 1 to 6 in a single programme.
#include<stdio.h>
#include<conio.h>
int main()
{
   printf(" please press any key after each print to get next one ");
   printf("\n\n");
   printf(" i) Hello Students  ");
   getch();
   printf("\n\n");
   printf("  ii) Hello \n Students  ");
   getch();
   printf("\n\n");
   getch();
   printf(" iii) \"MySirG\" ") ;
   getch();
   printf("\n\n");
   printf(" iv) \"Teacher's Day\"  ");
   getch();
   printf("\n\n");
```

```
    getch();
    printf(" v) \\n ");
    getch();
    printf("\n\n");
    getch();
    printf(" vi) %%d ");
    getch();
}
```

07):-

```
// question no.7 printing int , float,char in
a single print
#include<stdio.h>
#include<conio.h>
int main ()
{
    int a = 2;
    char b = 'k';
    float c =45.23 ;
    printf("%d %c %f", a,b,c);
    getch() ;
}
```

08):- EXPLORED USES OF %i,%g,%lf

09):-// PRINTING CHARACTER AND ITS ASCII CODE.

```
#include<stdio.h>
#include<conio.h>
int main ()
{
    char a ;
    printf("enter any character constant  ");
    scanf("%c",&a);
    printf("\n\n");
    printf("character stored of a is %c ",a);
    printf("\n\n");
    printf("its ASCII code is %d",a);
    getch();
}
```

10):- we can convert decimal no. into binary by just dividing any decimal
by 2 and writing its remainder till 0 ; eg is shown below;
let we have to convert 5 into binary then >>>
5\2 remainder is 1 again
1\2 remainder is 0 , hence binary of 5 is 10.similarly we can do all conversion.

now for converting binary into decimal we have to just take binary digit from right to left and multiply it with subsequent power of 2 starting with 0 for eg;

if we have to convert 1001001 to decimal then we just multiply from right side,
*as 1*2^0 + 0*2^1+ 0*2^2+ 1*2^3+ 0*2^4+ 0*2^5+1*2^6 = 1+0+0+8+0+0+32 = 41,*
that means decimal no.of 1001001 is 41..