# **Practical 05**

12)

#include <stdio.h>

int main()

{

int a,num;

printf("Enter a number");

scanf("%d",&num);

printf("Factors of %d- ",num);

for(a=1;a<=num;a++)

{

if(num%a==0)

{

printf("%d ",a);

}

}

}

13)

#include <stdio.h>

int main()

{

int num,sum=0;

for(;;)

{

printf("Enter a number(enter -1 to stop)");

scanf("%d",&num);

if(num==-1)

{

break;

}

sum+=num;

}

printf("Sum is %d\n",sum);

}

14)

#include <stdio.h>

int main()

{

int a[10],z;

for(z=0;z<10;z++)

{

printf("Enter a number");

scanf("%d",&a[z]);

}

printf("\n");

for(z=0;z<10;z++)

{

printf("%d\n",a[z]);

}

}

15)

#include <stdio.h>

int main()

{

int a[10],z,od=0,ev=0,ze=0;

for(z=0;z<10;z++)

{

printf("Enter a number");

scanf("%d",&a[z]);

if(a[z]==0)

{

ze++;

}

else if(a[z]%2==1)

{

od++;

}

else if(a[z]%2==0)

ev++;

}

printf("\n");

for(z=0;z<10;z++)

{

printf("%d\n",a[z]);

}

printf("\n\nodd count is: %d\n",od);

printf("even count is: %d\n",ev);

printf("zeros count is: %d\n",ze);

}