GRADE

```
#include<stdio.h>
#include<conio.h>
void main()
{
  int c,s;
  float AVG;
  printf("enter CIE marks\n");
  scanf("%d",&C);
  printf("enter SEE marks\n");
  scanf("%d",&S);
  while(c>=0&&c<=50&&S>=0&&S<=100)
  {
    AVG=c+(S/2);
     if(AVG>=90)
     {
      printf("Grade is A");
      break;
     }
     else if(AVG>=80&&AVG<=90)
     {
      printf("Grade is B");
      break;
     }
     else if(AVG>=70&&AVG<=80)
     {
       printf("Grade is C");
       break;
     }
      else if(AVG>=60&&AVG<=50)
     {printf("Grade is D");
      break;
     }
      else
      {
        printf("Grade is E");
        break;
      }
    }getch();
    }
```

PRIME

```
#include<stdio.h>
#include<stdlib.h>
void main()
{
 int n1,n2,i,j,flag,temp;
 printf(" Enter the value of num1 and num2\n");
 scanf("%d%d",&n1,&n2);
 if(n2<2)
  {
   printf("-there are no primes upto %d\n",n2);
   exit(0);
  }
   printf(" prime numbers are\n");
   temp=n1;
   if(n1%2==0)
    {
     n1++;
    }
    for(i=n1; i<=n2; i=i+2)
    {
      flag=0
      for(j=2; j<=i/2 ;j++)
      {
        if((i%j)==0)
        {
          flag=1;
          break;
        }
      }
      if(flag==0)
      {
        printf("%d\n",i);
      }
      }
       getch();
      }
```

3.

```
#include<stdio.h>
#include<conio.h>
void main()
{
 int i,j,n,c=1;
printf("enter the order\n");
scanf("%d",&n);
for(i=1;i<=n;i++)
{
  for(j=1;j<=n;j++)
  {
    if(j<=i)
     {
      printf("%d\t",c);
       c=c+1;
     }
     else
     printf("\n");
     }
     printf("\n");
     }
     getch();
     }
```