```c
#include<stdio.h>
#include<conio.h>
void main()
{
  int no;
  clrscr();
  printf("Enter any number:");
  scanf("%d",&no);
  if(no%2==0)
  {
   printf("%d is even",no);
  }
  else
  {
   printf("%d is odd",no);
  }
  getch();
}
#include<stdio.h>
#include<conio.h>
void main()
{
  int a,b,sum,sub,mul,div,mod;
  clrscr();
  printf("Enter any 2 numbers:");
  scanf("%d%d",&a,&b);
   sum=a+b;
   sub=a-b;
   mul=a*b;
   div=a/b;
   mod=a%b;
   printf("a=%d b=%d\n",a,b);
   printf("sum=%d sub=%d mul=%d div=%d
mod=%d",sum,sub,mul,div,mod);
  getch();
}
#include<stdio.h>
#include<conio.h>
void main()
{
  int a=10,b,c;
  clrscr();
  b=a>>2;
  c=a<<2;
  printf("a=%d\n",a);
  printf("result of right shift: b=%d\n",b);
  printf("result of left shift: c=%d",c);
```

```c
    getch();
}
#include<stdio.h>
#include<conio.h>
void main()
{
   int a,b,res,opt;
   clrscr();
   printf("Enter any 2 nos:");
   scanf("%d%d",&a,&b);
   printf("1.Add\n2.Sub\n3.Mul\n4.Div\n5.Mod\n");
   scanf("%d",&opt);
   switch(opt)
   {
    case 1:res=a+b;
        printf("sum=%d",res);
        break;
    case 2:res=a-b;
        printf("sub=%d",res);
        break;
    case 3:res=a*b;
        printf("mul=%d",res);
        break;
    case 4: res=a/b;
        printf("div=%d",res);
        break;
    case 5:res=a%b;
        printf("mod=%d",res);
        break;
   }
   getch();
}
#include<stdio.h>
#include<conio.h>
void main()
{
   int no,square,cube;
   clrscr();
   printf("Enter any no:");
   scanf("%d",&no);
   square=no*no;
   cube=no*no*no;
   printf("no=%d square=%d cube=%d",no,square,cube);
   getch();
}
```

Documentation

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Main Function

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