```
# include <sidoh>
                                                     IBNIACS DY S
                                                    Derek Sianley
d include zmath.h>
int maines
Sim! albic;
   printf ("Enler a and b In");
    scanfe" 30d 70d", La, Ab);
    white (
    do
    { printf(" 1. ADD IN 2. SUBTRACTION. HULTIPLICATION IN 4. DIVISION IN
      5. GREATER THAN IN 6. LESSER THAN INT. EQUAL IN 8. NOT IN
     9. RENAINDER (NODULUS) IN 10. EXPONENTIAL IN O. EXIT IN ");
      scanf (" %d", &c);
      switch (c)
    Sease
                print ( atto = "Tod In", atto);
                printf (" a-b = "lod In", a-b);
       case
                 break;
       case 3: print(" a*b = %din", a*b);
                 break;
            4: il (b==0)
       case
                  Eprint ("Divror can !- be zero In"); }
                { printf (" a/b = % of in", (float) (a/b)); }
                 break;
      case 5: if (a>b)
                { printf (" a is greater in"); }
                { print{("b rs greater In"); }
                break;
     ease 6: if cacb)
               Eprinty (" a is lessed In"); }
               Sprintf ("b 11 lesses (n"); }
          7: if ca == b)
               sprintf("both are equal in"); }
               else
               aprints (" They are not equal in"); ?
```

```
Case 8: printf ("NOT of a and b are % od, % od In", [a,!b);
break;
case 9: if (b == 0)

{ printf ("Divisor cannot be zero In");}
else

{ printf ("% od", a% b);}
break;
case 10: printf (" a rared b is % of ", pow(a,b));
break;
default: if (c!=0)
printf("Enles valid number");
}

3 while c c!=0);
velorn o;
```

```
Enter a and b
     #include<stdio.h>
1
                                                                                    21
     #include<math.h>
2
                                                                                    10
3
     int main()
                                                                                    1.ADD
     { int a,b,c;
4
                                                                                    2.SUBTRACT
       printf("Enter a and b\n");
5
                                                                                    3.MULTIPLICATION
                                                                                    4.DIVISION
6
       scanf("%d%d",&a,&b);
                                                                                    5.GREATER THAN
       do
7
                                                                                    6.LESSER THAN
       {printf("1.ADD\n2.SUBTRACT\n3.MULTIPLICATION\n4.DIVISION\n5.GREATER
8
                                                                                    7.EQUAL
        THAN \n6.LESSER THAN \n7.EQUAL \n8.NOT \n9.REMAINDER (MODULUS)
                                                                                    TON.8
       \n10.EXPONENTIAL\n0.EXIT\n");
                                                                                    9. REMAINDER (MODULUS)
                                                                                    10.EXPONENTIAL
9
         scanf("%d",&c);
                                                                                    O.EXIT
10
         switch(c)
                                                                                    1
         { case 1: printf("a+b=%d\n",a+b);
11
                                                                                    a+b=31
                    break:
12
                                                                                    1.ADD
13
           case 2: printf("a-b=%d\n",a-b);
                                                                                    2.SUBTRACT
14
                    break:
                                                                                    3.MULTIPLICATION
                                                                                    4.DIVISION
15
           case 3: printf("a*b=%d\n",a*b);
                                                                                    5. GREATER THAN
                    break:
16
                                                                                    6. LESSER THAN
           case 4: if(b==0)
17
                                                                                    7.EQUAL
18
                    {printf("Divisor can't be zero\n");}
                                                                                    8.NOT
19
                                                                                    9. REMAINDER (MODULUS)
                    else
                                                                                    10.EXPONENTIAL
                    {printf("a/b=%f\n",(float)(a/b));}
20
                                                                                    0.EXIT
                    break:
21
                                                                                    9
           case 5: if(a>b)
22
                    {printf("a is greater");}
23
                                                                                    1.ADD
24
                    else
                                                                                    2.SUBTRACT
                                                                                    3.MULTIPLICATION
25
                    {printf("b is greater\n");}
                                                                                    4. DIVISION
26
                    break;
                                                                                    5. GREATER THAN
27
           case 6: if(akb)
                                                                                    6. LESSER THAN
28
                    {printf("a is lesser n");}
                                                                                    7. EQUAL
29
                    else
                                                                                    8.NOT
                    {printf("b is lesser");}
                                                                                    9. REMAINDER (MODULUS)
30
                                                                                   10.EXPONENTIAL
31
                    break:
                                                                                   O.EXIT
            case 7: if(a==b)
32
                                        0)
```

/ /main