

```

① #include <stdio.h>
#include <math.h>
void main ()
{
    int a, b, c = 11;
    printf("Enter the two numbers\n");
    scanf("%d %d", &a, &b);
    while (c != 0)
    {
        printf("Enter your choice\n");
        printf("1-addition\n 2-subtraction\n 3-multiplication\n 4-division\n 5-greatest of nos\n 6-smallest of nos\n 7-if equal\n 8-not equal\n 9-modulus\n 10-power\n");
        scanf("%d", &c);
        switch (c)
        {
            case 1 :
                int ad = a + b;
                printf("%d", ad);
                break;
            case 2 :
                int sub = a - b;
                printf("%d", sub);
                break;
            case 3 :
                int m = a * b;
                printf("%d", m);
                break;
            case 4 :
                int di = a / b;
                printf("%d", di);
                break;
            case 5 :
                if (a > b)
                    printf("%d", a);
                else
                    printf("%d", b);
                break;
        }
    }
}

```

Case 6:

```
if (a < b)
```

```
printf ("%d", a);
```

```
else
```

```
printf ("%d", b);
```

```
break;
```

Case 7:

```
if (a == b)
```

```
printf ("Numbers are equal\n");
```

```
break;
```

Case 8:

```
if (a != b)
```

```
printf ("Numbers are not equal\n");
```

```
break;
```

Case 9:

```
int z = a % b;
```

```
printf ("%d", z);
```

```
break;
```

Case 10:

```
int p = pow(a, b);
```

```
printf ("%d", p);
```

```
break;
```

Case 11:

```
printf ("Thank you");
```

```
break;
```

default:

```
printf ("Enter the correct choice\n");
```

```
}
```

```
}
```

```
}
```

② #include <stdio.h>

float sumaver (int x, int y)

```
{  
    printf ("Sum = %d \n", x+y);  
    return ((x+y)/2);  
}
```

void printeven (int x, int y)

```
{  
    printf ("All the even numbers from  
           %d to %d \n", y, x);  
    for (int i=y; i<=x; i++)  
    {  
        if (i%2==0)  
            printf ("%d ", i);  
    }  
}
```

int main()

```
{
```

int a[3], g1, g2, t;

printf ("Enter the three numbers \n");

scanf ("%d %d %d", &a[0], &a[1], &a[2]);

for (int i=0; i<3; i++)

```
{
```

for (int j=i+1; j<3; j++)

```
{
```

if (a[i] < a[j])

```
{
```

t = a[i];

a[i] = a[j];

a[j] = t;

```
}
```

```
}
```

```
}
```

g1 = a[0];

g2 = a[1];

```
float aver = sumaver(g1, g2);  
printf ("Average : %f\n", aver);  
printfen (g1, g2);  
return 0;  
}
```