

Q. No. 1

①

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
    int a, b, z;
```

```
    printf("Enter number from 1 to 10  
           to sum the case.\n");
```

```
    scanf("%d", &z);
```

```
    printf("Enter value of a and b\n");
```

```
    scanf("%d %d", &a, &b);
```

```
    switch(z)
```

```
    {
```

```
        case 1:
```

```
        {
```

```
            printf("Sum is %d\n", (a+b));  
scanf("%d", &z);
```

```
        }
```

```
        case 2:
```

```
        {
```

```
            printf("Division is %d\n", (a/b));  
            break;
```

```
        }
```

```
        case 3:
```

```
        {
```

```
            printf("Product is %d\n", (a*b));  
            break;
```

```
        }
```

```
        case 4:
```

```
        {
```

```
            printf("Subtraction is %d\n", (a-b));  
            break;
```

```
        }
```

case 5:

```
{  
    printf("First number and Second number  
    is equal to %d\n", (a == b));  
    break;  
}
```

case 6:

```
{  
    printf("First number and is greater than  
    second number that is %d", (a > b));  
    break;  
}
```

case 7:

```
{  
    printf("Second number is greater than  
    first number that is %d", (a < b));  
    break;  
}
```

case 8:-

```
{  
    printf("Second number and First number  
    are not equal to: %d\n", (a != b));  
    break;  
}
```

case 9:

```
{  
    printf("Remainder is %d\n", (a % b));  
    break;  
}
```

case 10:

```
{  
    printf("Average: %f\n", (a + b) / 2);  
    break;  
}
```


default :-

```
{  
    printf("Wrong Input! please choose  
        from 1 to 10\n");  
}
```

```
}
```

```
printf("Enter 0 to exit\n");
```

```
scanf("%d", &z);
```

```
}
```

```
};
```

2

```
#include <stdio.h>
```

```
int Sumaver (int num1, int num2);
```

```
int printeven (int num1, int num2);
```

```
int main ()
```

```
{
```

```
    int a, b, c;
```

```
    printf("enter three values in");
```

```
    scanf ("%d%d%d", &a, &b, &c);
```

```
    if (a > b > c)
```

```
    {
        printf("greater number are %d and  
%d\n", a, b);
    }
```

```
}
```

```
else
```

```
    if (c > a > b)
```

```
    {
        printf("greater numbers are %d and  
%d\n", c, a);
    }
```

```
}
```

```
else
```

```
{
```

```
    printf("greater number are %d and  
c, b);
```

```
}
```



```
printf("given numbers are %d %d",
```

```
sum %d %d", &n1, &n2);
```

```
printf("Average : %d", sum / 2);
```

```
printf("Even numbers are : %d",
```

```
printEven(n1, n2));
```

```
}
```

```
int Sumover(int num1, int num2)
```

```
{
```

```
int sum = 0, average = 0;
```

```
sum = num1 + num2;
```

```
printf("Sum is %d", sum);
```

```
average = sum / 2;
```

```
return (average);
```

```
}
```

```
int printEven(int num1, int num2)
```

```
{
```

```
int i = 0;
```

```
for (i = num1; i <= num2; i++)
```

```
{
```

```
printf("Print num
```

```
if (i % 2 == 0)
```

```
{
```

```
printf("Even number are %d", i);
```

```
}
```

```
}
```