

1)

```
#include<stdio.h>
void main()
{
int a, b, choice;
printf(" Enter two numbers: ");
scanf("%d %d", &a, &b);
do
{
printf(" 1. Addition \n 2. Subtraction \n 3. Multiplication \n 4. Division \n 5. Modulus \n 6. Less than
\n 7. Greater than \n 8. Equal to \n 9. Greater than or equal to \n 10. Less than or equal to \n 11. Exit
\n");
printf(" Enter your choice: ");
scanf("%d", &choice);
switch(choice)
{
case 1:
printf(" Sum = %d\n", a+b);
break;
case 2:
printf(" Difference = %d\n", a-b);
break;
case 3:
printf(" Product = %d\n", a*b);
break;
case 4:
printf(" Quotient= %d\n",a/b);
break;
case 5:
printf(" Remainder= %d\n",a%b);
break;
case 6:
if(a < b)
printf(" Number1 is less than Number2\n");
else
printf(" Number1 is not less than Number2\n");
break;
case 7:
if(a > b)
printf(" Number1 is greater than Number2 \n");
else
printf(" Number1 is not greater than Number \n");
break;
case 8:
if(a == b)
printf(" Number1 is equal to number2\n");           else
printf(" Number1 is not equal to Number2 \n");
break;
case 9:
if(a >= b)
printf(" Number1 is greater than or equal to Number2\n");
else
printf(" Number1 is not greater than or equal to Number2 \n");
break;
case 10:
if(a <= b)
```

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        printf(" Number1 is less than or equal to Number2\n");
    else
        printf(" Number1 is not less than or equal to Number2\n");
    break;
case 11:
    break;
default:
    printf(" Invalid choice");
    break;
}
if(choice == 11)
    printf("\n Exit the program \n");
} while(choice!=11);
}

```

```

3:28 17%
← TAB ⋮
Enter two numbers: 4 7
1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Modulus
6. Less than
7. Greater than
8. Equal to
9. Greater than or equal to
10. Less than or equal to
11. Exit
Enter your choice: 4
Quotient= 0
1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Modulus
6. Less than
7. Greater than
8. Equal to
9. Greater than or equal to
10. Less than or equal to
11. Exit
Enter your choice: 6
Number1 is less than Number2
1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Modulus
6. Less than
7. Greater than
8. Equal to
9. Greater than or equal to
10. Less than or equal to
11. Exit
Enter your choice: 2
Difference = -3
1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Modulus
6. Less than
7. Greater than
8. Equal to
9. Greater than or equal to
10. Less than or equal to
11. Exit
Enter your choice: 11
Exit the program
[Program finished]

```

2)

```
#include <stdio.h>
float sumaver(int, int);
void printeven(int, int);
int main()
{
    int a, b, c;
    float avg;
    printf("Enter 3 numbers : ");
    scanf("%d%d%d", &a, &b, &c);
    if(a < b)
    {
        if(a < c)
        {
            avg = sumaver(b, c);
            printf("Average : %f \n", avg);
            printeven(b, c);
        }
        else
        {
            avg = sumaver(a, b);
            printf("Average : %f \n", avg);
            printeven(a, b);
        }
    }
    else
    {
        if (b < c)
        {
            avg = sumaver(a, c);
            printf("Average : %f\n", avg);
            printeven(a, c);
        }
        else
        {
            avg = sumaver(a, b);
            printf("Average : %f\n", avg);
            printeven(a, b);
        }
    }
    return 0;
}

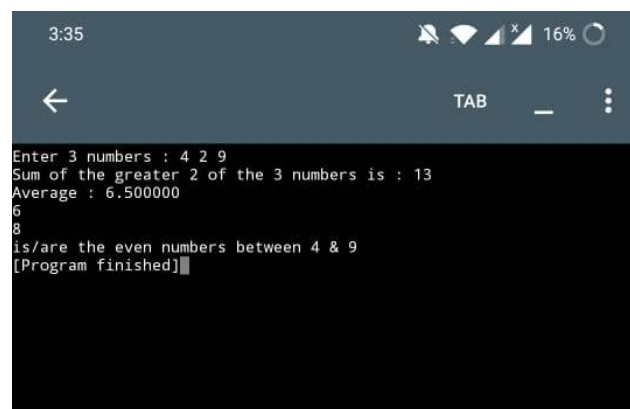
float sumaver(int x, int y)
{
    printf("Sum of the greater 2 of the 3 numbers is : %d \n", x+y);
    return((x+y)/2.0);
}

void printeven(int x, int y)
{
    int initial, final, i, p=0;
    if(x<y)
    {
        initial=x;
        final=y;
    }
    else
```

```

{
    initial=y;
    final=x;
}
for(i=initial+1; i<final; i++)
{
    if(i%2==0)
        printf("%d \n",i);
    p=1;
}
if(p==1)
    printf("is/are the even numbers between %d & %d",initial,final);
else
    printf("No even numbers between %d & %d",initial,final);
}

```



The screenshot shows a mobile terminal window with a dark background. At the top, the status bar displays the time 3:35, signal strength, Wi-Fi, and battery level at 16%. Below the status bar is a navigation bar with a back arrow, the word 'TAB', and a menu icon. The terminal text shows the following sequence of input and output:

```

Enter 3 numbers : 4 2 9
Sum of the greater 2 of the 3 numbers is : 13
Average : 6.500000
6
8
is/are the even numbers between 4 & 9
[Program finished]

```