

OI

ENROLLMENT NO.200220131050

## PRACTICE WORK 2

Write a program to that performs as calculator  
(addition, multiplication, division, subtraction).

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# PRACTICAL NO2

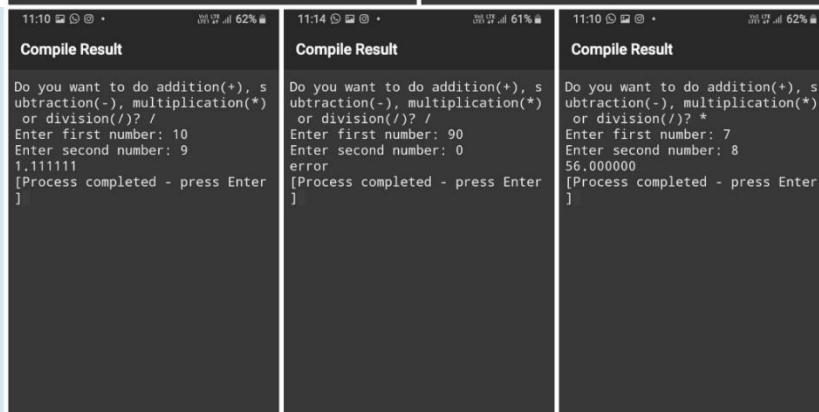
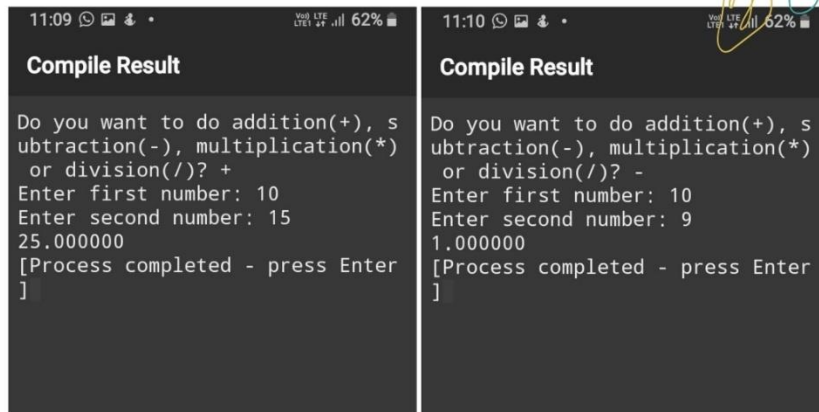
## //File name calculator.c

Aim: Write a program to that performs as calculator (addition, multiplication, division, subtraction).

```
#include <stdio.h>
int main()
{ float first_num, second_num;
  char c;
  printf("Do you want to do addition(+), subtraction(-), multiplication(*) or division(/)?
");
  scanf("%c", &c); //enter Character variable to operate
  printf("Enter first number: ");
  scanf("%f", &first_num); //enter first number
  printf("Enter second number: ");
  scanf("%f", &second_num); //enter second number
  switch(c){ //Switch-Case statement to return differentiate result by condition
  case '+': printf("%f", first_num + second_num);
    break;
  case '-': printf("%f", first_num - second_num);
    break;
  case '*': printf("%f", first_num * second_num);
    break;
  case '/':if(second_num>0)
  {
    printf("%f", first_num / second_num); }
  else
  printf("error");

  break;
  default: printf("The operation \"%c\" isn't exists.", c);
    break;
  }
  return 0;
}
```





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