C Programming Assignment 1

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August 2025

Question 5 :Perform all four operations

Write a program in C Perform all four operations.

Code:

```
#include <stdio.h>
  int main()
  int a,b;
  int sum, mul, div, diff;
  printf("enter two numbers");
  scanf("%d %d", &a, &b);
  sum=a+b;
  diff=a-b;
  mul=a*b;
10
  div=a/b;
11
  printf("%d+%d=%d\n",a,b,sum);
  printf("%d-%d=%d\n",a,b,diff);
  printf("%d*%d=%d\n", a, b, mul);
  printf("%d/%d=%d\n",a,b,div);
  return 0;
17
```

Figure 1: Program with output

```
enter two numbers16 4
 1 #include <stdio.h>
  2 int main()
                                                                                                                        16-4=12
  4 int a,b;
5 int sum,mul,div,diff;
                                                                                                                        16*4=64
                                                                                                                         16/4=4
  6 printf("enter two numbers");
7 scanf("%d %d", &a,&b);
  8 sum=a+b;
9 diff=a-b;
                                                                                                                        === Code Execution Successful ===
 10 mul=a*b;
 11 div=a/b;
 12 printf("%d+%d=%d\n",a,b,sum);
 13 printf("%d-%d=%d\n",a,b,diff);
14 printf("%d*%d=%d\n",a,b,mul);
15 printf("%d/%d=%d\n",a,b,div);
 16 return 0;
17 }
```