1.C

1.C 〉No Selection

```c
#include <stdio.h>
int main() {
  int num1,num2,opt;
  printf("Enter the first Integer :");
  scanf("%d",&num1);
  printf("Enter the second Integer :");
  scanf("%d",&num2);

    printf("\nInput your option :\n");
    printf("1-Addition.\n2-Substraction.\n3-Multiplication.\n4-Division.\n5-Equal
        .\n6-Not Equal.\n7-Greater.\n8-Smaller.\n9-Remainder.\n10-Increment");
    scanf("%d",&opt);
    switch(opt) {
      case 1:
        printf("The Addition of  %d and %d is: %d\n",num1,num2,num1+num2);
        break;

      case 2:
        printf("The Substraction of %d  and %d is: %d\n",num1,num2,num1-num2);
        break;

      case 3:
        printf("The Multiplication of %d  and %d is: %d\n",num1,num2,num1*num2);
        break;

      case 4:
        if(num2==0) {
          printf("The second integer is zero. Divide by zero.\n");
        } else {
          printf("The Division of %d  and %d is : %d\n",num1,num2,num1/num2);
        }
        break;

      case 5:
        if(num1==num2)
        printf("Both the numbers are equal.\n");
        else
        printf("Numbers are not equal\n");

        break;

      case 6:
```

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    break;

  case 6:
    if(num1!=num2)
    printf("Both the numbers are not equal.\n");
    else
    printf("Numbers are equal\n");
    break;

  case 7:
    if(num1>num2)
    printf("%d is greater\n",num1);
    else
    printf("%d is greater\n",num2);
    break;

  case 8:
    if(num1<num2)
    printf("%d is smaller\n",num1);
    else
    printf("%d is smaller\n",num2);
    break;

  case 9:
    printf("The remainder of %d  and %d is: %d\n",num1,num2,num1%num2);
    break;

  case 10:
    printf("Incremented %d is %d\n Incremented %d is
        %d\n",num1,++num1,num2,++num2);
    break;



  default:
    printf("Input correct option\n");
    break;

}
return 0;
```