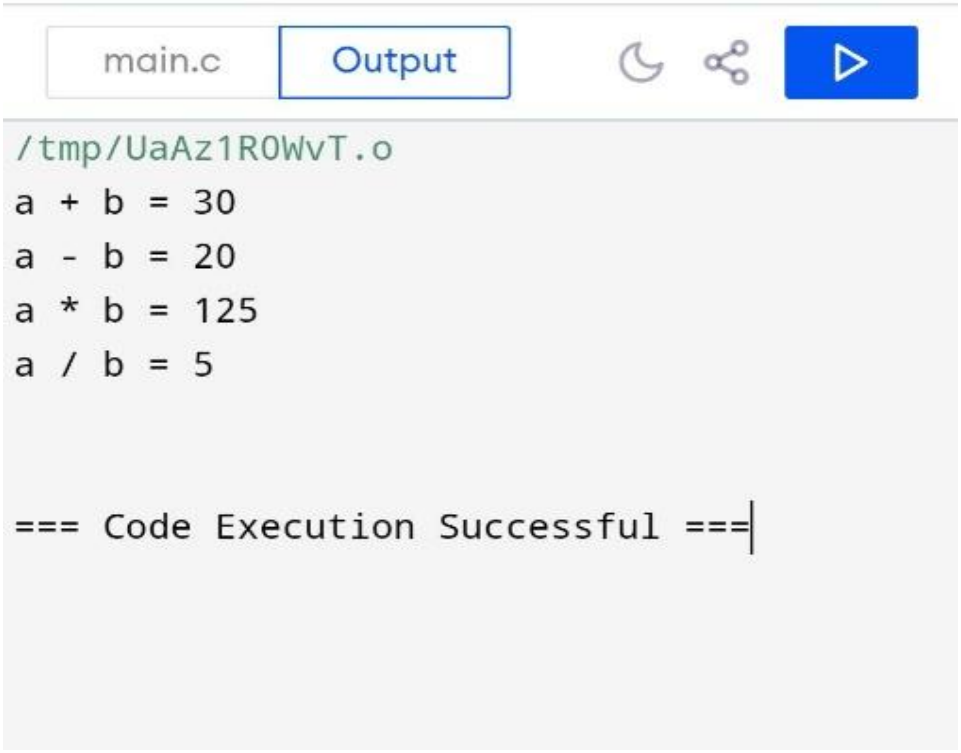
1. Program on Operator in C

1. Arithmetic Operators

*Program

```
#include <stdio.h>

int main()
{

   int a = 25, b = 5;

   printf("a + b = %d\n", a + b);
   printf("a – b = %d\n", a – b);
   printf("a * b = %d\n", a * b);
   printf("a / b = %d\n", a / b);
   return 0;
}
```

*Output

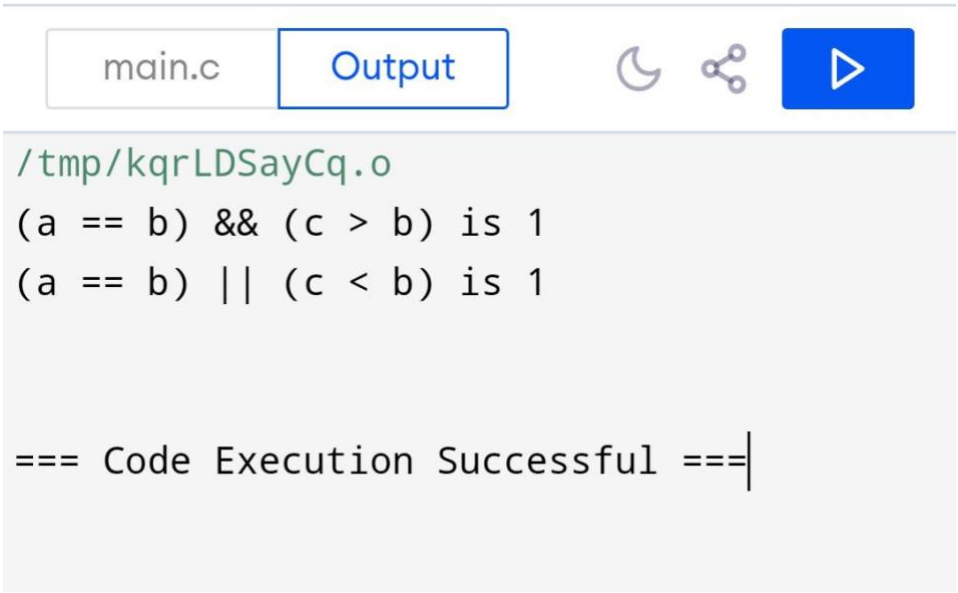


2. Logical Operator

*Program

```
#include <stdio.h>
int main()
{
   int a = 5, b = 5, c = 10, result;

   result = (a == b) && (c > b);
   printf("(a == b) && (c > b) is %d \n", result);



   result = (a == b) || (c < b);
   printf("(a == b) || (c < b) is %d \n", result);

   return 0;
}
```

*Output

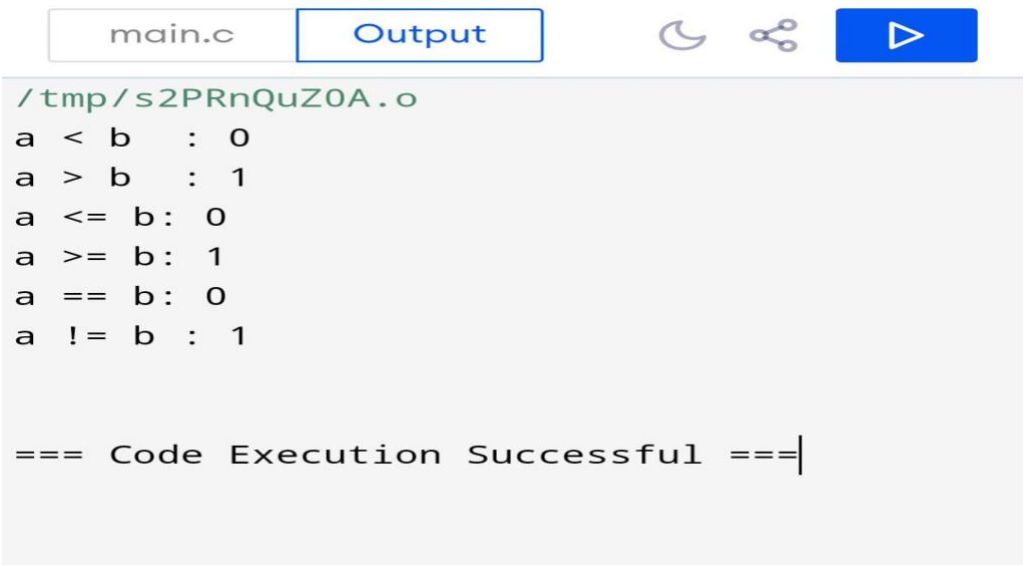


3. Relational Operator

*Program

```
#include <stdio.h>

int main()
{

    int a = 25, b = 5;
    printf("a < b  : %d\n", a < b);
    printf("a > b  : %d\n", a > b);
    printf("a <= b: %d\n", a <= b);
    printf("a >= b: %d\n", a >= b);
    printf("a == b: %d\n", a == b);
    printf("a != b : %d\n", a != b);

    return 0;
}
```

*Output

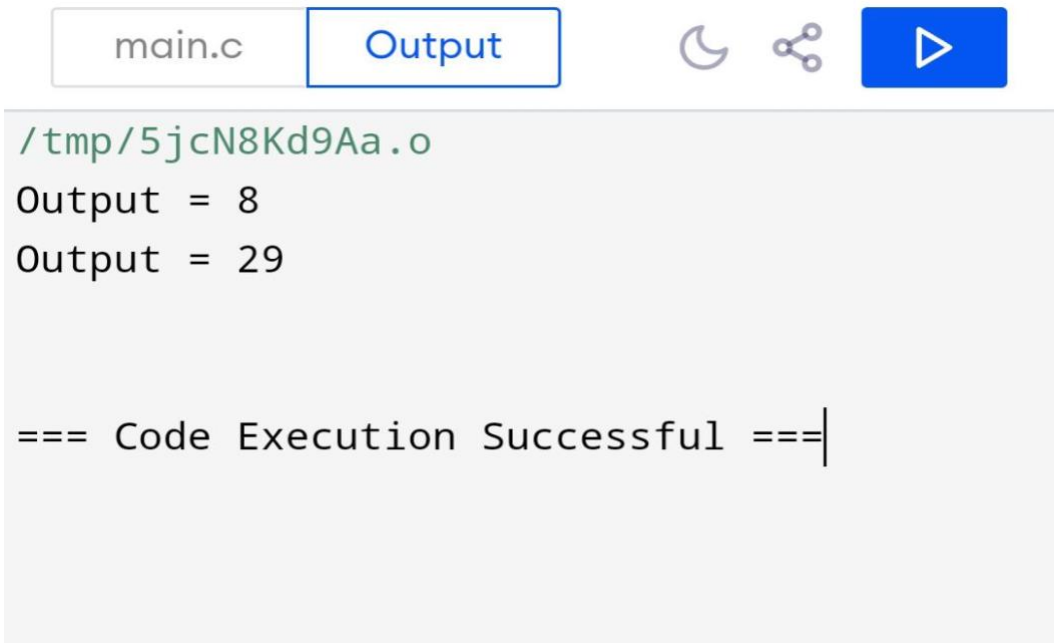


4. Bitwise Operator

*Program

```
#include <stdio.h>

int main() {

    int a = 12, b = 25;
    printf("Output = %d\n", a & b);

printf ("Output = %d\n", a | b);


    return 0;
}
```

*Output

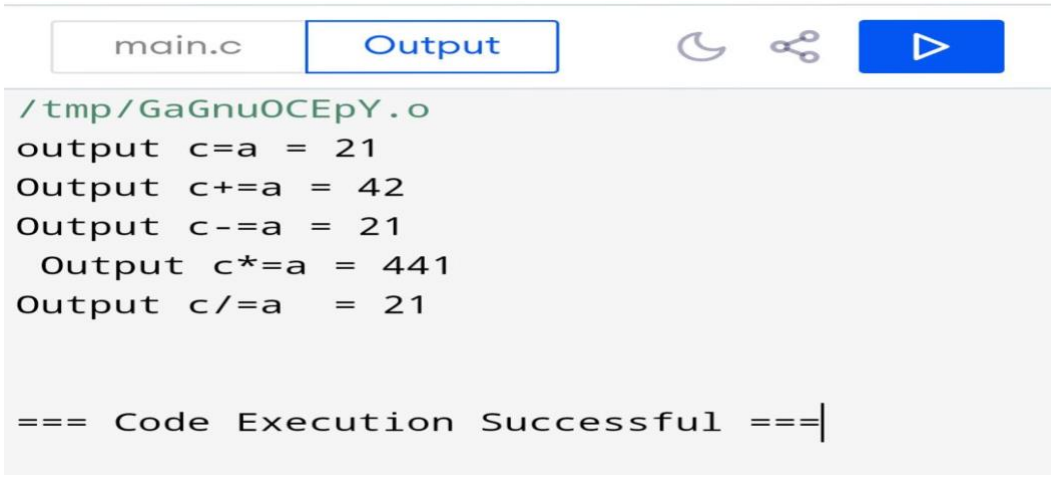


5. Conditional Operators

*Program

```
#include <stdio.h>

int main()
{

  int a = 21;
  int c ;

  c =  a;
  printf("output c=a = %d\n", c );

  c+=  a;
  printf("Output c+=a = %d\n", c );

  c -=  a;
  printf("Output c-=a = %d\n", c );

  c *=  a;
  printf(" Output c*=a = %d\n", c );

  c /=  a;
  printf("Output c/=a  = %d\n", c );
return 0;
}
```

*Output


main.c
Output
/tmp/GaGnuOCEpY.o
output c=a = 21
Output c+=a = 42
Output c-=a = 21
Output c*=a = 441
Output c/=a = 21
=== Code Execution Successful ===

- Hello world Program

```
#include <stdio.h>

int main ()
{
print of (“ Hello world”);
}
return 0;
```

*Output