1) What will be the output of the following C code?

```
1. #include<stdio.h>
2. int main()
3. {
4.     int i=0;
5.     int x=i++, y=++i;
6.     printf("%d %d\n", x, y);
7.     return 0;
8. }
```

a) 0, 2
b) 0, 1
c) 1, 2
d) undefined

2) What will be the output of the following C code?

```
1. #include<stdio.h>
2. int main()
3. {
4.     int i=10;
5.     int *p=&i;
6.     printf("%d\n", *p++);
7. }
```

a) 10
b) 11
c) Garbage Value
d) Address of i

3) What will be the output of the following C code?

```
1. #include <stdio.h>
2. Void main()
3. {
4.     int x = 97;
5.     int y = sizeof (x++);
6.     printf ("x is %d", x);
7. }
```

a) x is 97
b) x is 98
c) x is 99
d) Run time error

4) What will be the output of the following C Code?

```
1. #include <stdio.h>
2. Void main()
3. {
4.     int x=4, y, z;
5.     y = --x;
6.     z = x--;
7.     printf ("%d%d%d", x, y, z);
8. }
```

a) 3 2 3
b) 2 3 3
c) 3 2 2
d) 2 3 2

5) What will be the output of the following C code?

```
1. #include <stdio.h>
2. Void main()
3. {
4.     int x=4;
5.     int *p=&x;
6.     int *k=p++;
7.     int r=p-k;
8.     printf("%d", r);
9. }
```

a) 4
b) 8
c) 1
d) Run time error

6) What will be the output of the following C code?

```
1. #include <stdio.h>
2.   void main()
3.   {
4.     int a=5, b=-7, c=0, d;
5.     d=++a && ++b || ++c;
6.     printf("\n%d %d %d %d", a, b, c, d);
7.   }
```

a) 6 -6 0 0
b) 6 -5 0 1
c) -6 -6 0 1
d) 6 -6 0 1

7) What will be the output of the following code?

```
1. #include <stdio.h>
2. Void main()
3. {
4.     int a=-5;
5.     int k=(a++, ++a);
```

a) -4
b) -5
c) 4
d) -3

8) What will be the output of the following C code?

```
1. #include <stdio.h>
2. int main()
3. {
4.     int a=1, b=1, c;
5.     c = a++ +b;
6.     printf("%d, %d", a,b);
7. }
```

a) a=1, b=1
b) a=2, b=1
c) a=1, b=2
d) a=2, b=2

9) What will be the output of the following C code?

```
1. #include <stdio.h>
2. int main()
3. {
4.     int a=1, b=1, d=1;
5.     printf("%d, %d, %d", ++a + ++a+a++, a++ +
                ++b, ++d + d++ + a++);
6. }
```

a) 15, 4, 5
b) 9, 6, 9
c) 9, 3, 5
d) undefined

10) What will be the output of the following C code?

```
1. #include <stdio.h>
2. int main()
3. {
4.     int a=10, b=10;
5.     if (a=5)
```

```
6. b--;
7. printf("%d,%d", a, b--);
8. }
```

a) a=10, b=9
b) a=10, b=8
c) a=5, b=9
d) a=5, b=8

11) What will be the output of the following C code?

```
1. #include <stdio.h>
2. int main()
3. {
4.     int i=0;
5.     int j = i++ +i;
6.     printf("%d\n", j);
7. }
```

a) 0
b) 1
c) 2
d) Compile time error

12) What will be the output of the following C code?

```
1. #include <stdio.h>
2. int main()
3. {
4.     int i=2;
5.     int j = ++i +i;
6.     printf("%d\n", j);
7. }
```

a) 6
b) 5
c) 4
d) Compile time error

13) What will be the output of the following C code?

```
#include <stdio.h>
int main() {
    int x=5;
    int y= x++ /2;
    printf("%d", y);
    return 0;
}
```

a) 3
b) compile-time error
c) 2
d) None of these

14) What will be the output of the following C code?

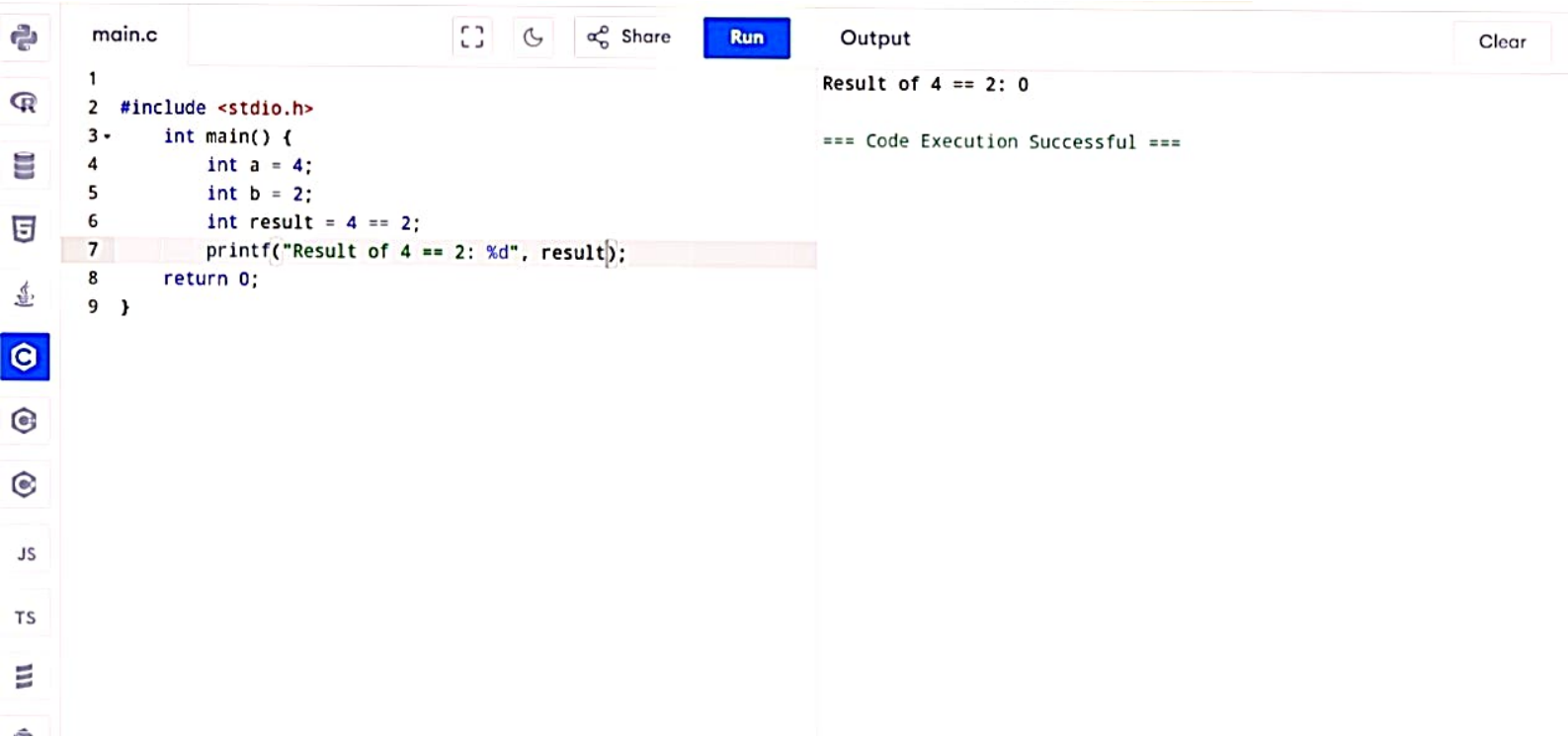
```
#include <stdio.h>
int main() {
    int a=4, b, c;
    b = --a;
    c = a--;
    printf("%d %d %d", a, b, c);
    return 0;
}
```

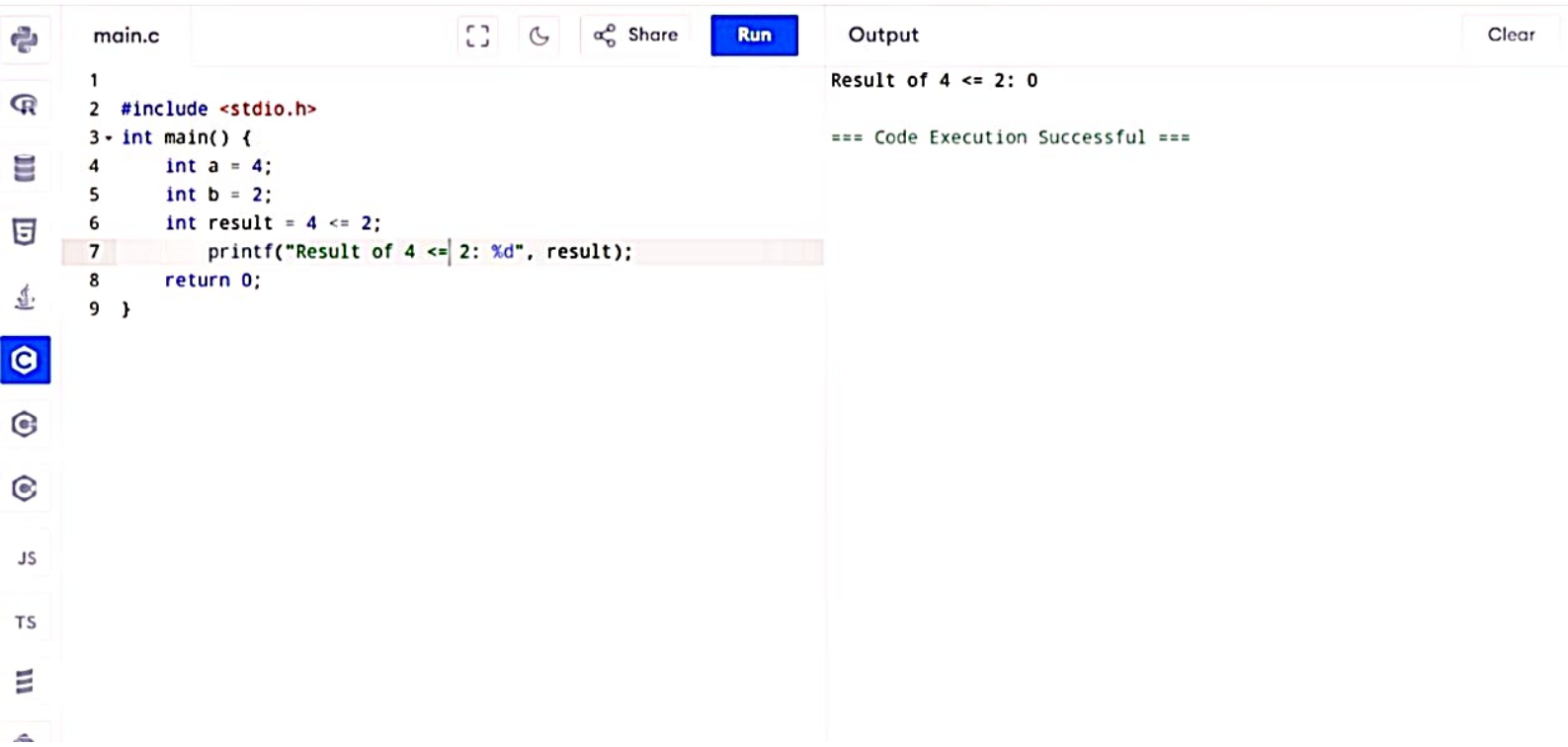
a) 3 3 2
b) 2 3 2
c) 3 2 2
d) 2 3 3

15) What will be the output of the following C code?

```
#include <stdio.h>
int main() {
    int i = 0;
    int x = i++, y = ++i;
    printf("%d %d\n", x, y);
    return 0;
}
```

a) 0 2
b) 0 1
c) 1 2
d) undefined behaviour


main.c
Share
Run
Output
Clear
#include <stdio.h>
int main() {
int a = 4;
int b = 2;
int result = 4 == 2;
printf("Result of 4 == 2: %d", result);
return 0;
}
Result of 4 == 2: 0
=== Code Execution Successful ===


main.c
Share
Run
Output
Clear
#include <stdio.h>
int main() {
int a = 4;
int b = 2;
int result = 4 <= 2;
printf("Result of 4 <= 2: %d", result);
return 0;
}
Result of 4 <= 2: 0
=== Code Execution Successful ===

main.c

Share Run

Output Clear

```c

#include <stdio.h>
int main() {
    int a = 4;
    int b = 2;
    int result;
    result = a ^ b;
        printf("%d ^ %d is %d", a, b, result);
    return 0;
}
```

```
4 ^ 2 is 6

=== Code Execution Successful ===
```

main.c

Share Run

```c

#include <stdio.h>
int main() {
    int a = 4;
    int b = 2;
    if (a < b) {
        printf("%d < %d is %d is true", a, b);
    } else {
        printf("%d < %d is false", a, b);
    }
    return 0;
}
```

Output Clear

```
4 < 2 is false

=== Code Execution Successful ===
```

main.c

Share Run

```c

#include <stdio.h>
int main() {
    int a = 4;
    int b = 2;
    int result = 4 > 2;
        printf("Result of 4 > 2: %d", result);
    return 0;
}
```

Output Clear

```
Result of 4 > 2: 1

=== Code Execution Successful ===
```

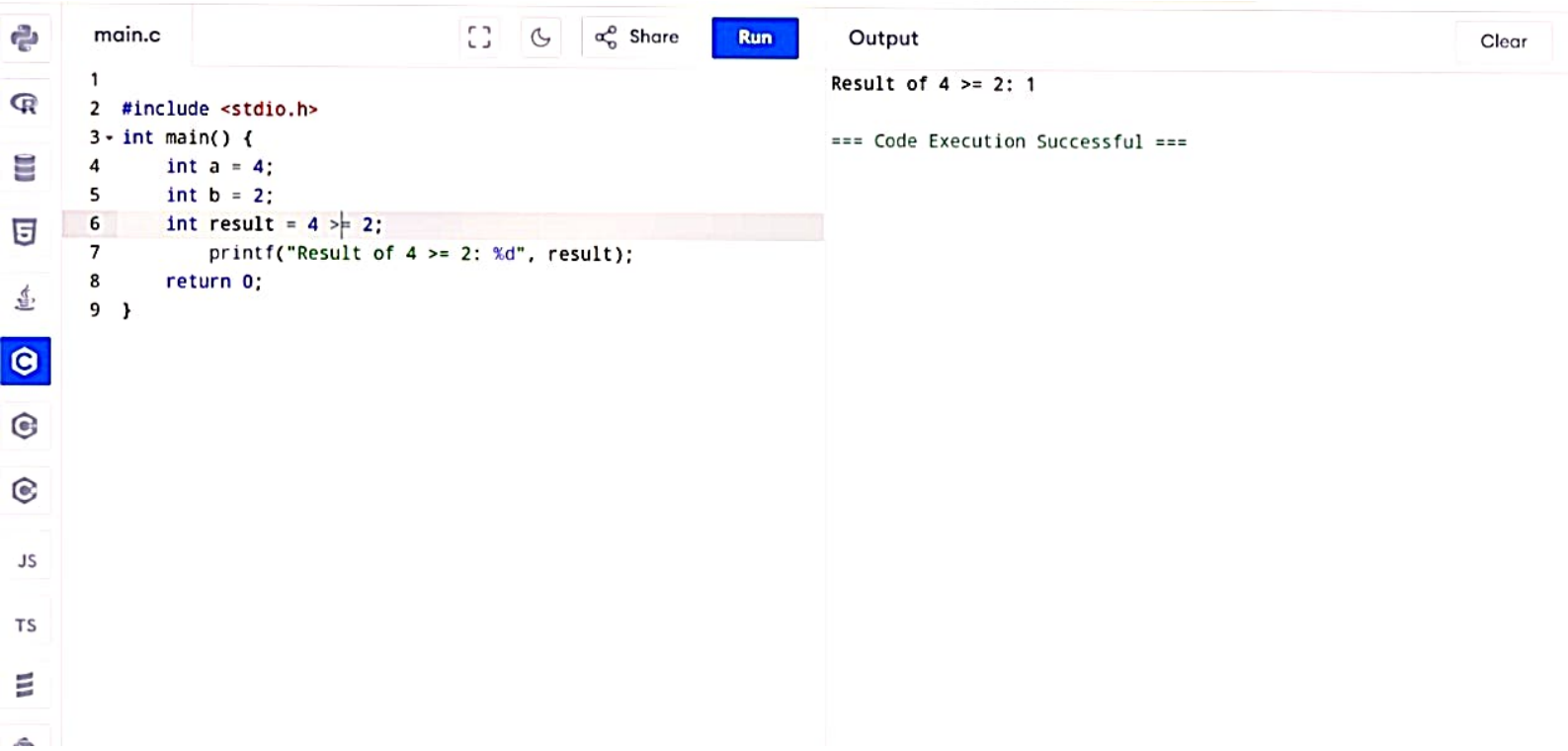
main.c

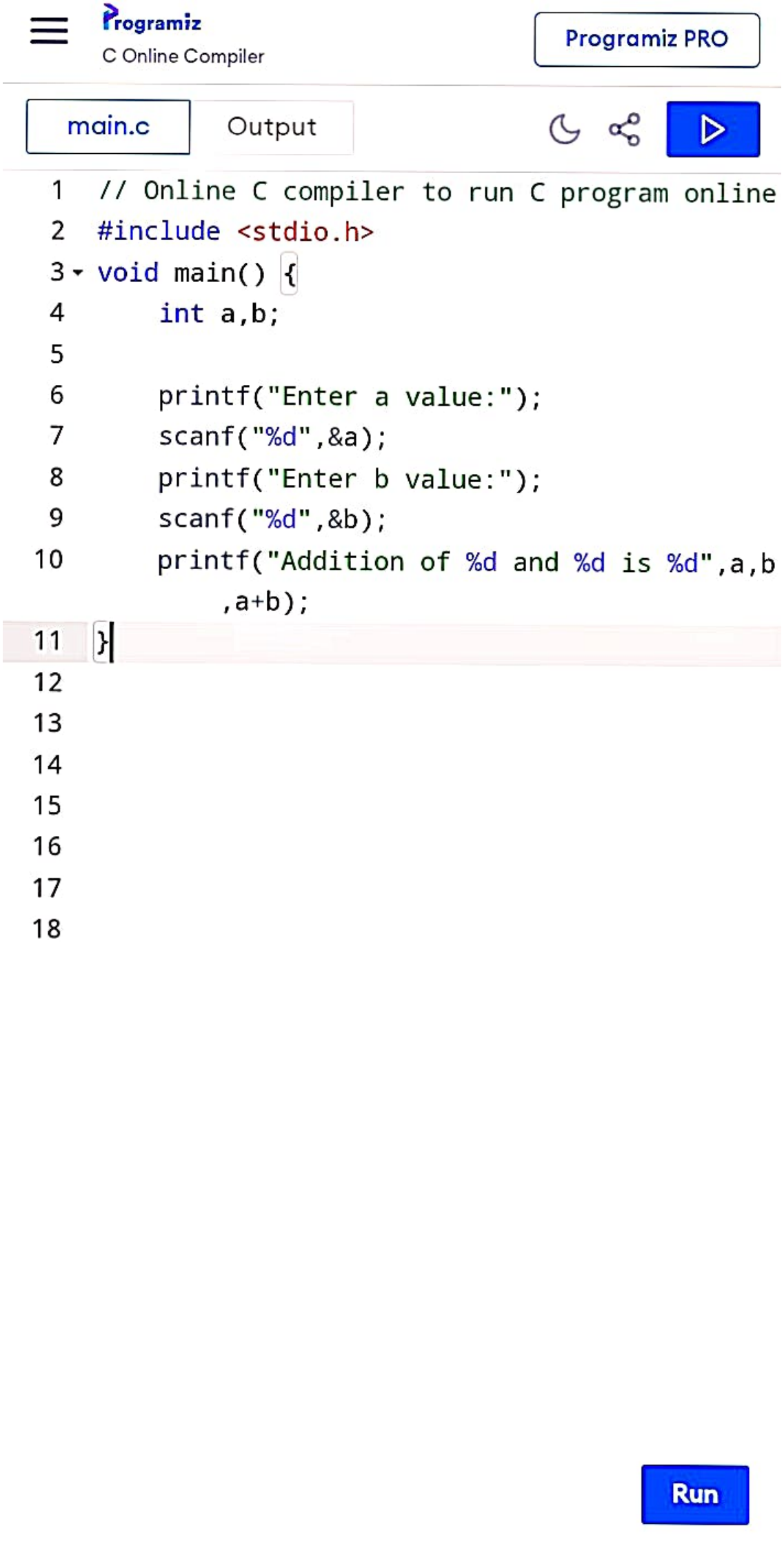
Share Run

```c

#include <stdio.h>
int main() {
    int a, b, result;
    printf("Enter the a value: ");
    scanf("%d", &a);
    printf("Enter the b value: ");
    scanf("%d", &b);
    result = a & b;
    printf("%d & %d is %d", a, b, result);
    return 0;
}
```

Output Clear

```
Enter the a value: 4
Enter the b value: 2
4 & 2 is 0

=== Code Execution Successful ===
```


main.c
Share
Run
Output
Clear
1
2 #include <stdio.h>
3 int main() {
4 int a = 4;
5 int b = 2;
6 int result = 4 >= 2;
7 printf("Result of 4 >= 2: %d", result);
8 return 0;
9 }
Result of 4 >= 2: 1
=== Code Execution Successful ===


Programiz
C Online Compiler
Programiz PRO
main.c
Output
// Online C compiler to run C program online
#include <stdio.h>
void main() {
int a,b;
printf("Enter a value:");
scanf("%d",&a);
printf("Enter b value:");
scanf("%d",&b);
printf("Addition of %d and %d is %d",a,b
,a+b);
}
Run

main.c | Output

```c
// Online C compiler to run C program online
#include <stdio.h>

void main(){
    int a,b;
    printf("Enter a value:");
    scanf("%d",&a);
    printf("Enter b value:");
    scanf("%d",&b);
    printf("subtraction of %d and %d is %d"
        ,a,b,a-b);
}
```

Run

main.c | Output

```c
// Online C compiler to run C program online
#include <stdio.h>

void main(){
    int a,b;
    printf("Enter a value:");
    scanf("%d",&a);
    printf("Enter b value:");
    scanf("%d",&b);
    printf("multiplication of %d and %d is %d",a,b,a*b);
}
```

Run

main.c | Output

```c
// Online C compiler to run C program online
#include <stdio.h>

void main(){
    int a,b;
    printf("Enter a value:");
    scanf("%d",&a);
    printf("Enter b value:");
    scanf("%d",&b);
    printf("division of %d and %d is %d",a,b,a/b);
}
```

Run