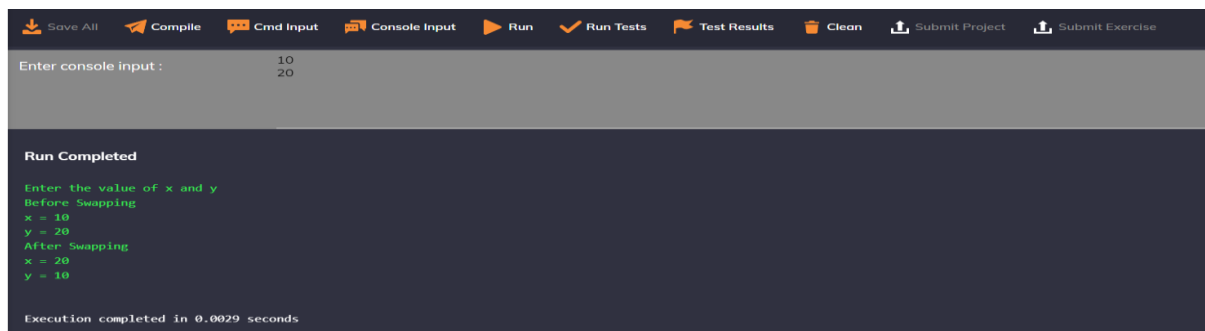## 10. Write a C Program – using pointers To Swap the Values of Two Variables.

```c
#include <stdio.h>

int main()

{
  int x, y, *a, *b, temp;
  printf("Enter the value of x and y\n");
  scanf("%d%d", &x, &y);
  printf("Before Swapping\nx = %d\ny = %d\n", x, y);
  a = &x;
  b = &y;
  temp = *b;
  *b = *a;
  *a = temp;
  printf("After Swapping\nx = %d\ny = %d\n", x, y);
  return 0;
}
```

Output: