Write the output of the following programs (if any). If there is an error in the program, mention the error and move on.

Tip: Use python tutor (*https://pythontutor.com/cpp.html#mode=edit*) for line-by-line execution of programs for a better understanding, first try to solve by yourself.

Code	Output

int g_one = -10;
void fun(int& val1, int val2) {
val1 = ::g_one;
val2 = val2+::g_one;
}
int main() {
int g_one = 20, g_two = 20;
fun(g_one, g_two);
cout << g_one << g_two << endl;
 	
return 0;
}
	-1020

int main() {
int array[10] = { 1, 2, 3, 4, 5 };
for (int i = 0; i < 10 - 1;)
cout << array[++i];
cout << endl;
return 0;
}
	234500000

int main() {
int array[10] = {};
int i = 0;
while (i < 10)
array[++i] = i;
for (int x = 0; x < 10; ++x)
cout << array[x];
cout << endl;
return 0;
}
	Error
	Out of bound array access

void fun(int alpha, int beta, int gamma) {
cout << alpha + 10 << " ";
cout << beta << " ";
cout << gamma + 30 << endl;
}
void fun(double alpha, double beta, double gamma) {
	1 22 3

cout << alpha << " ";
cout << beta + 20 << " ";
cout << gamma << endl;
}
int main() {
fun(1.0, 2.0, 3.0);
 	
return 0;
}	

int main() {
char array[10]{};
for (int i = 0; i < 10; ++i)
cout << array[i];
cout << endl;
int x = 65;
for (int i = 0; i < 10 - 1; ++i)
array[i] = (++x)++;
cout << array;
 	
return 0;
}
	BDFHJLNPR

void swap(int& val1, int& val2) {
int temp = val1;
val1 = val2;
val2 = temp;
}
int main() {
int array[10] = { 33, 21, 11, 55, 0, -1, 2, 33, 7,
6 };
for (int i = 0; i < 10 - 1; ++i) {
for (int j = 0; j < 10 - i - 1; ++j)
if (array[j] > array[j + 1])
swap(array[j], array[j + 1]);
}
for (int i = 0; i < 10; ++i)
cout << array[i] << " ";
cout << endl;
 	
return 0;
}
	-1 0 2 6 7 11 21 33 33 55

float fun(int alpha, int beta) {
return(alpha + beta + 7.0 / 2);
}
int main() {
int x = 9.5;
	16.5

```
        float y = 4.5;
        cout << fun(y, x);

        return 0;
}
```