Day 6

Largest

|  |
| --- |
| #include <iostream> |
|  | #include <array> |
|  |  |
|  | using namespace std; |
|  |  |
|  | void maximum(int max,array<int,10> stack) |
|  | { |
|  | int top=stack.size()-1; |
|  | while(top>=0) |
|  | { |
|  | if(stack[top]>=max) |
|  | { |
|  | max=stack[top]; |
|  | } |
|  | else |
|  | top--; |
|  | } |
|  | cout<<max<<endl; |
|  | } |
|  | int main() |
|  | { |
|  | array<int,10> stack{1,2,3,4,5,6,7,8,9,0}; |
|  |  |
|  | int max=0; |
|  |  |
|  | maximum(max,stack); |
|  | } |

Smallest

|  |
| --- |
| #include <iostream> |
|  | #include <array> |
|  |  |
|  | using namespace std; |
|  |  |
|  | void minimum(int max,array<int,10> stack) |
|  | { |
|  | int top=stack.size()-1; |
|  | while(top>=0) |
|  | { |
|  | if(stack[top]<=max) |
|  | { |
|  | max=stack[top]; |
|  | } |
|  | else |
|  | top--; |
|  | } |
|  | cout<<max<<endl; |
|  | } |
|  | int main() |
|  | { |
|  | array<int,10> stack{1,2,3,4,5,6,7,8,9,0}; |
|  |  |
|  | int max=stack[0]; |
|  |  |
|  | minimum(max,stack); |
|  | } |