1. **Write a function to find the maximum element in the stack.**

Ans :-

int get\_max(stack &stack\_1)

{

int current\_max = stack\_1.top();

stack stack\_2;

stack\_2.push(stack\_1.top());

stack\_1.pop();

while (!stack\_1.empty()) {

if (stack\_1.top() < current\_max) {

current\_max = stack\_1.top();

}

stack\_2.push(stack\_1.top());

stack\_1.pop();

}

while(!stack\_2.empty()) {

stack\_1.push(stack\_2.top());

stack\_2.pop();

}

return current\_max;

}