**Assignmennt-6**

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

**Ans:** for maximum element🡪

Step 1: first check stack if it’s empty or not.

Step 2: iterate the stack to compare the element for max size.

Step 3: return the max size.

int getMax()

{

if(top == -1)

{

printf(“No element in Stack\n”);

return;

}

int max = stack[top];

for(i = top-1; i>=0; i--)

{

if(max < staack[i])

{

max = stack[i];

}

}

return min;

}

**Qus-2: Write a function to find the minimum element in the stack.**

**Ans:**

for minimum element🡪

Step 1: first check stack if it’s empty or not.

Step 2: iterate the stack to compare the element for min size.

Step 3: return the min size.

int getMin()

{

if(top == -1)

{

printf(“No element in Stack\n”);

return;

}

int min = stack[top]

for(i = top-1; i>=0; i--)

{

if(min > staack[i])

{

min = stock[i];

}

}

return min;

}