**DAY-6 ASSIGNMENT**

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

int max()

{

int max=0;

if(top==-1)

{

printf(“Underflow”);

}

else if(top==0)

{

max= stack[top];

return max;

}

else

{

max= stack[0];

for(i=1;i<=top;i++)

{

if(stack[i]>max)

max= stack[i];

}

return max;

}

}

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

int min()

{

int min=0;

if(top==-1)

{

printf(“Underflow”);

}

else if(top==0)

{

min= stack[top];

return min;

}

else

{

min= stack[0];

for(i=1;i<=top;i++)

{

if(stack[i]<min)

min= stack[i];

}

return min;

}

}