

Slot **1** – Question **1** [Minimax]

Marks 10

Gist: Finding the minimax of a given matrix

Tasks:

- Writing a nested for loop
 - Find the minimax correctly
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Grading Scheme: MANUAL

ANY FORM OF HARD-CODING ATTRACTS FULL PENALTY.

[2 + 2 Marks] : Writing the two for loops and its nesting correctly

[1 Mark] : Find the minimax correctly

===== GOLD CODE =====

```
#include<stdio.h>
#include<limits.h>

int main()
{
    int m,n;
    scanf("%d",&n);
    scanf("%d",&m);

    int i,j,temp;
    int minval=INT_MAX;
    for(i=0;i<m;i++)
    {
        int maxval=INT_MIN;
        for(j=0;j<n;j++)
        {
            scanf("%d",&temp);
            if(temp>maxval)
                maxval=temp;
        }
        if(maxval<minval)
            minval=maxval;
    }
    printf("%d",minval);
    return 0;
}
```