

Problem Statement:

1. Write a C program to Find the number that is missing from the array containing n distinct number taken from 0,1,2...n.

```
#include<stdio.h>

int getMissingNo(int a[],int n)

{

int i,total;

total=(n+1)*(n+2)/2;

for(i=0;i<n;i++)

total-=a[i];

return total;

}

int main()

{

int a[]={ 1,2,4,5,6};

int m=getMissingNo(a,5);

printf(“%d”,m);

getchar();

}
```