



Experiment Title: - Linear Searching.

Name: - Shivani Satish Mali.

Roll No: - 50

```
#include<stdio.h>

#include<conio.h>

void main()
{
    int a[5];
    int x;
    int flag=0;
    int i;
    printf("Enter the number:");
    for(i=0;i<=4;i++)
    {
        scanf("%d",&a[i]);
    }
    printf("Enter the element you want to search");
    scanf("%d",&x);
    for(i=0;i<=4;i++)
    {
        if(a[i]==x)
        {
            flag=1;
        }
        break;
    }
    if(flag==1)
    {
        printf("Element found");
    }
    else
```



Experiment Title: - Linear Searching.

Name: - Shivani Satish Mali.

Roll No: - 50

```
{  
    printf("Element is not found");  
}  
getch();  
}
```

```
DOSBox 0.74-3, Cpu speed: max 100% cycles, Frameskip 0, Pro...  
Enter the number:1  
2  
3  
4  
5  
Enter the element you want to search1  
Element found_
```