

BHOOBANRAJ KHARTHIK

231701008

B.E COMPUTER SCIENCE & DESIGN

DS

WEEK 1 (SINGLE LINKED LIST)

```
#include <stdio.h>
int n = 0;
void Insert(int a[], int p, int e);
void Delete(int a[], int p);
void Search(int a[], int e);
void Traverse(int a[]);
void Sort(int a[]);
int main()
{
    int a[5], ch, e, p;
    printf("1.Insert \n2.Delete \n3.Search");
    printf("\n4.Traverse \n5.Sort \n6.Exit\n");
    do
    {
        printf("\nEnter your choice : ");
        scanf("%d", &ch);
        switch(ch)
        {
            case 1:
                printf("Enter the position : ");
                scanf("%d", &p);
                printf("Enter the element : ");
                scanf("%d", &e);
                Insert(a, p, e);
                break;
            case 2:
                printf("Enter the position : ");
                scanf("%d", &p);
                Delete(a, p);
                break;
            case 3:
```


