

```
#include<stdio.h>
void change(int *, int *);
int main(int argc, char * argv[])
{
    printf("Please enter your choice: 0/1 \n");
    int choice;
    scanf("%d",&choice);
    int *a, *b;
    int x[20] , y[20] ;
    int m ;
    /*initialization array*/
    for(m = 0; m < 20; m++)
    {
        x[m] = 5;
        y[m] = 20;
    }
    a = x;
    b = y;
    /*the references 'a' and 'b' changes based on the input*/
    if(choice == 0)
        change(a,b);
    for(m = 4; m < 20; m++)
    {
        /*this statement is either dependent on itself or not*/
        a[m] = b[m-2] + 4;
    }
    printf("ninth element of array x is %d \n",a[9]);
    return 1;
}

void change(int *first, int *last)
{
    first = last;
    return;
}
```