```c
//Chonthicha Phuangfueang 63090500006

#include<conio.h>

#include<stdio.h>

int main()
{ int a[200],*pa,i,N,sumodd=0,sumeven=0;

  pa=&a[1];

  for(i=1;;i++)

    {

            printf("input array a[%d] : ",i);

            scanf("%d",pa);

            if(*pa<0)

            {

                printf("\n");

                break;

            }

            pa++;

    }

  N=i-1;

  pa=&a[1];

  for(i=1;i<=N;i++)

    {

        if(a[i]%2==1)sumodd=sumodd+a[i];

        else if(a[i]%2==0)sumeven=sumeven+a[i];

        pa++;

    }

 printf("sum of odd elements  = %2d\n",sumodd);

 printf("sum of even elements = %2d\n",sumeven);

 getch();

 return 0;

}
```

```
input array a[1] : 100
input array a[2] : 50
input array a[3] : 22
input array a[4] : 23
input array a[5] : 41
input array a[6] : 74
input array a[7] : 11
input array a[8] : 99
input array a[9] : 80
input array a[10] : -7

sum of odd elements  = 174
sum of even elements = 326
```

```c
//Chonthicha Phuangfueang 63090500006
#include<conio.h>
#include<stdio.h>
int main()
{ int a[200],*pa,i,N,sumodd=0,sumeven=0;
  pa=&a[1];
  for(i=1;;i++)
      {
                printf("input array a[%d] : ",i);
                scanf("%d",pa);
                if(*pa<0)
                {
                    printf("\n");
                    break;
                }
                pa++;
      }
  N=i-1;
  pa=&a[1];
  for(i=1;i<=N;i++)
      {
          if(a[i]%2==1)sumodd=sumodd+a[i];
          else if(a[i]%2==0)sumeven=sumeven+a[i];
          pa++;
      }
  printf("sum of odd elements  = %2d\n",sumodd);
  printf("sum of even elements = %2d\n",sumeven);
  getch();
  return 0;
}
```

```c
//Chonthicha Phuangfueang 63090500006

#include<stdio.h>

#include<conio.h>

int main()
{ int a[100],b[100],c[100]={0},i,j,Na,Nb,k=0,flag;
    int *pA,*pB;
        printf("input set a :\n");
        printf("-------------\n");
        pA=&a[1];
        for(i=1;;i++)
            {
                printf("a[%d] = ",i);
                scanf("%d",pA);
                if(*pA<0)break;
                pA++;
            }
        Na=i-1;
        printf("==================\n");
        printf("input set b :\n");
        printf("-------------\n");
        pB=&b[1];
        for(i=1;;i++)
            {
                printf("b[%d] = ",i);
                scanf("%d",pB);
                if(*pB<0)break;
                pB++;
            }
        Nb=i-1;
        printf("==================\n");
```

```c
        pA=&a[1];
    for(i=1;i<=Na;i++)
        {
            flag=0;
            pB=&b[1];
            for(j=1;j<=Nb;j++)
                {
                    if(*pA==*pB)
                        {
                            flag=1;
                            break;
                        }
                    pB++;
                }
            if(flag==0)
                {
                    k++;
                    c[k]=*pA;
                }
            pA++;
        }
    printf("A - B = {");
    if(k!=0)
        {
            for(i=1;i<k;i++)printf("%d,",c[i]);
            printf("%d}",c[k]);
        }
    else printf("}");
    printf("\n==================");
getch();
return 0;
```

}

```
D:\Lab6_2.exe

input set a :
---------------
a[1] = 2
a[2] = 3
a[3] = 5
a[4] = 7
a[5] = 11
a[6] = 13
a[7] = 17
a[8] = -1
====================
input set b :
---------------
b[1] = 5
b[2] = 11
b[3] = 12
b[4] = 13
b[5] = 14
b[6] = 15
b[7] = 17
b[8] = 19
b[9] = -2
====================
A - B = {2,3,7}
====================
```

```c
//Chonthicha Phuangfueang 63090500006
#include<stdio.h>
#include<conio.h>
int main()
{ int a[100],b[100],c[100]={0},i,j,Na,Nb,k=0,flag;
  int *pA,*pB;
      printf("input set a :\n");
      printf("-------------\n");
      pA=&a[1];
      for(i=1;;i++)
          {
              printf("a[%d] = ",i);
              scanf("%d",pA);
              if(*pA<0)break;
              pA++;
          }
      Na=i-1;
      printf("====================\n");
      printf("input set b :\n");
      printf("-------------\n");
      pB=&b[1];
      for(i=1;;i++)
          {
              printf("b[%d] = ",i);
              scanf("%d",pB);
              if(*pB<0)break;
              pB++;
          }
      Nb=i-1;
      printf("====================\n");
      pA=&a[1];
      for(i=1;i<=Na;i++)
          {
          flag=0;
          pB=&b[1];
          for(j=1;j<=Nb;j++)
              {
                  if(*pA==*pB)
                    {
                        flag=1;
                        break;
                    }
                  pB++;
              }
          if(flag==0)
              {
                  k++;
                  c[k]=*pA;
              }
          pA++;
          }
      printf("A - B = {");
      if(k!=0)
          {
          for(i=1;i<k;i++)printf("%d,",c[i]);
          printf("%d}",c[k]);
          }
      else printf("}");
      printf("\n====================");
  getch();
  return 0;
}
```