



```
1 import java.util.Scanner;
2 public class Avenger{
3     public static String name,
4     power, weapon;
5     public static int age,i;
6     Scanner sc=new
7     Scanner(System.in);
8     public void getDetails(){
9         System.out.println("enter
10        name");
11        name=sc.nextLine();
12        System.out.println("enter
13        age");
14        age=sc.nextInt();
15        sc.nextLine();
16        System.out.println("enter
17        power");
18        power=sc.nextLine();
19        System.out.println("enter
20        weapon");
21        weapon=sc.next();
22    }
23    public void
```



```
17     public void
displayDetails(){
18         System.out.println("The
name of the Avenger is
"+name+" age is "+age+" power
is "+power+" weapon is
"+weapon);
19     }
20     public static void
main(String[] args){
21         Avenger[] avengers= new
Avenger[5];
22         for(int i=0;i<5;i++){
23             avengers[i]= new
Avenger();
24             avengers[i].getDetails();
25         }
26         for(int i=0;i<5;i++){
27             avengers[i].displayDetails();
28         }
29     }
30 }
```



## Terminal

```
enter name  
THOR  
enter age  
1500  
enter power  
super strength  
enter weapon  
mjolnir  
enter name  
IRON MAN  
enter age  
40  
enter power  
flying  
enter weapon
```

enter weapon  
mind  
enter name  
HULK  
enter age  
43  
enter power  
strength  
enter weapon  
body  
enter name  
DOCTOR STRANGE  
enter age  
46  
enter power  
sorcerer

enter power  
sorcerer  
enter weapon  
agamotto  
enter name  
ANT MAN

enter age  
35

enter power  
can shrink  
enter weapon  
discs

The name of the Avenger is ANT MAN  
age is 35 power is can shrink  
weapon is discs



```
1 import java.util.Scanner;
2 public class Program
3 {
4     static int[] arr= new int[5];
5     static int i,total;
6
7     public static void
main(String[] args) {
8         Scanner sc=new
Scanner(System.in);
9         for (i=0;i<5;i++){
10             System.out.println("enter
the number");
11             arr[i]= sc.nextInt();
12             System.out.println("arr["+i+"
] is "+arr[i]);
13         }
14         total=arr[0]+arr[1]+arr[2]+ar
r[3]+arr[4];
15         System.out.println("the total
is "+total);
```



```
enter the number  
10  
arr[0] is 10  
enter the number  
20  
arr[1] is 20  
enter the number  
10  
arr[2] is 10  
enter the number  
30  
arr[3] is 30  
enter the number  
30  
arr[4] is 30
```

```
enter the number  
20  
arr[1] is 20  
enter the number  
10  
arr[2] is 10  
enter the number  
30  
arr[3] is 30  
enter the number  
30  
arr[4] is 30  
the total is 100  
  
Process finished.
```





Program.java



Saved

```
1 import java.util.Scanner;
2 public class Program
3 {
4     static int[] arr= new int[5];
5     static int i;
6
7     public static void
8     main(String[] args) {
9         Scanner sc=new
10         Scanner(System.in);
11         for(i=0;i<5;i++){
12             System.out.println("enter
13             the number");
14             arr[i]= sc.nextInt();
15         }
16         i=1;
17         while(i<5){
18             System.out.println("the
19             value of "+i+"element is
20             "+arr[i]);
21             i=i+2;
22         }
23     }
```



enter the number

10

enter the number

20

enter the number

30

enter the number

40

enter the number

50

the value of 1element is 20

the value of 3element is 40

Process finished.