**class** Array {

**int**[] A= {1,34,22,2,23,56,3,5,9,88};

**int** n=10;

**int** Sum\_An\_Array() {

**int** s=0;

**for**(**int** i=0;i<=9;i++) {

s=s+A[i];

}

**return** s;

}

**double** Avg\_An\_array() {

**int** s=0;

**for**(**int** i=0;i<=9;i++) {

s=s+A[i];

}

**double** avg=(**double**)s/n;

**return** avg;

}

**void** traverse() {

**for**(**int** i=0;i<=9;i++)

System.***out***.println(" element at pos "+(i+1)+" "+A[i]);

}

}

**public** **class** TestArrayDS {

**public** **static** **void** main(String[] args) {

Array ob = **new** Array();

System.***out***.print("sum of array elements ");

System.***out***.println(ob.Sum\_An\_Array());

System.***out***.print("Average array elements ");

System.***out***.println(ob.Avg\_An\_array());

ob.traverse();

}

}