```java
public class Student {
	private String name;
	private String Id;
	private int [] arrMarks;
	private int nbm;

	public Student(String nn, String idd, int size)
	{
		name = nn;
		Id = idd;
		arrMarks= new int[size];
		nbm=0;
	}

	public boolean addMark(int mark)
	{
		if(nbm<arrMarks.length)
		{
			arrMarks[nbm] = mark;
			nbm++;
			return true;
		}
		else
			return false;
	}

	public void display(){
		System.out.println("The name is: " + name);
		System.out.println("The Id is : " + Id);

		System.out.println("The Marks are: ");
		for(int i=0; i<nbm; i++)
			System.out.print(arrMarks[i] + " ");
	}

	public boolean deletemark(int pos)
	{
		if(nbm == 0)
			return false;
		else
		{	arrMarks[pos] = arrMarks[nbm-1];
			arrMarks[nbm-1] =0;
			nbm--;
			return true;
		}
	}
```

```
	public int searchMark(int mark)
	{
		for(int i=0; i<nbm; i++)
			if(arrMarks[i] == mark)
				return i;

		return -1;
	}

	public int maximumMark()
	{
		int max =arrMarks[0];

		for(int i=1; i<nbm; i++ )
		{
			if(arrMarks[i] > max)
				max = arrMarks[i];
		}

		return max;
	}

	public double averageMarks()
	{
		int sum =0;

		for(int i=0; i<nbm; i++)
		{
			sum+= arrMarks[i];
		}

		if(nbm!=0)
			return (double)sum/nbm;
		else
			return 0.0;
	}

}
```

```java
public class Test_student {

	public static void main(String[] args) {

		Student St1 = new Student("Yazeed", "111222", 20);

		St1.addMark(17);
		St1.addMark(15);
		St1.addMark(19);
		St1.addMark(37);
		St1.addMark(20);
		St1.addMark(11);
		St1.display();

		System.out.println("\n==================================");

		St1.deletemark(1);

		St1.display();


System.out.println("The element was found at position: " +
St1.searchMark(19));

System.out.println("The highest mark is: " + St1.maximumMark());

		System.out.println("\n==================================");

System.out.println("The average of marks is: " + St1.averageMarks());

	}
}
```