**Report**

**Using Random Function:**

**Best Worst Average**

**Graph 1: 444 447 446**

**Graph 2: 588 593 590.2**

**Graph 3: 753 758 756.2**

**Graph 4: 942 943 942.4**

**Using Degree Sum Technique:**

**Graph 1: 438**

**Graph 2: 578**

**Graph 3: 746**

**Graph 4: 930**

**Minimum Vertex Cover:**

**Graph 1: 420**

**Graph 2: 560**

**Graph 3: 720**

**Graph 4: 900**