**Scenario # 1:**

**P = 220  // equal to 1048576**

**m=20**

**e=10**

**t=0.001**

|  |  |
| --- | --- |
| **Page replacement algorithms** | **Numbers of Page faults** |
| **Optimal** | **10203** |
| **FIFO** | **135310** |
| **LRU** | **153616** |
| **Second Chance** | **176162** |

**Scenario # 2:**

**P = 222 // equal to 4194304**

**m=20**

**e=10**

**t=0.002**

|  |  |
| --- | --- |
| **Page replacement algorithms** | **Numbers of Page faults** |
| **Optimal** | **17220** |
| **FIFO** | **147320** |
| **LRU** | **150294** |
| **Second Chance** | **173929** |

**Scenario # 3:**

**P = 220 // equal to 1048576**

**m=20**

**e=15**

**t=0.001**

|  |  |
| --- | --- |
| **Page replacement algorithms** | **Numbers of Page faults** |
| **Optimal** | **12253** |
| **FIFO** | **125310** |
| **LRU** | **141038** |
| **Second Chance** | **162830** |

**Scenario # 4:**

**P = 222 // equal to 4194304**

**m=50**

**e=8**

**t=0.001**

|  |  |
| --- | --- |
| **Page replacement algorithms** | **Numbers of Page faults** |
| **Optimal** | **14253** |
| **FIFO** | **113310** |
| **LRU** | **120382** |
| **Second Chance** | **110029** |

**Scenario # 5:**

**P = 218 // equal to 262144**

**m=7**

**e=15**

**t=0.002**

|  |  |
| --- | --- |
| **Page replacement algorithms** | **Numbers of Page faults** |
| **Optimal** | **19253** |
| **FIFO** | **105310** |
| **LRU** | **121930** |
| **Second Chance** | **130193** |