Name: Saishnu Ramesh Kumar

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| --- | --- | --- | --- | --- |
| **Line Number** | **Complete Object Code** | **Op Code** | **Object Code Length (in bytes)** | **Type** |
| 18 | EB E7 | EB | 2 | Register Near |
| 20 | FF 25 00000001 | FF | 6 | Relative Short |
| 22 | FF E0 | FF | 2 | Relative Near |
| 24 | FF 23 | FF | 2 | Relative Short |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Line Number (jmp)** | **Complete Object Code (jmp)** | **Complete Object Code (cmp/add)** | **Flag(s)**  **Condition** | **Jump? (Yes/No)** |
| 12 | 7C 00 | 3B 05 00000000 | ZF = 0 , OF = 0, SF = 0 | Yes |
| 15 | 72 00 | 3B 05 00000000 | ZF = 0 , OF = 0, SF = 0 | Yes |
| 18 | 74 00 | 83 F8 4F | ZF = 1, OF = 0, SF = 0 | Yes |
| 21 | 75 00 | 83 F8 4F | ZF = 1, OF = 0, SF = 0 | Yes |
| 24 | 76 00 | 83 3D 00000000 00000000 | ZF = 0, OF = 0, SF = 1 | Yes |
| 27 | 7D 00 | 81 3D 00000000 FFFFFF38 | ZF = 1, OF = 0, SF = 0 | Yes |
| 30 | 78 00 | 05 000000C8 | ZF = 0, OF = 0, SF = 0 | Yes |
| 33 | 74 00 | 81 05 00000000 000000C8 | ZF = 1, OF = 0, SF = 0 | Yes |