Start

1. DECLARE num
2. Input num
3. IF( num >=1 AND num<= 10) THEN
4. OUTPUT “Blue”
5. ELSE IF ( num >10 AND num<= 20) THEN
6. OUTPUT green
7. ELSE
8. OUTPUT invalid value
9. ENDIF

|  |  |  |  |
| --- | --- | --- | --- |
| Line Number | Input Buffer | Num | Output Buffer |
| 1 |  | - |  |
| 2 | 28 | 28 |  |
| 3 |  | 28 |  |
| 7 |  | 28 |  |
| 8 |  | 28 | Invalid value |

|  |  |  |  |
| --- | --- | --- | --- |
| Line Number | Input Buffer | Num | Output Buffer |
| 1 |  | - |  |
| 2 | 5 | 5 |  |
| 3 |  | 5 |  |
| 4 |  | 5 | Blue |
| 9 |  |  |  |
|  |  |  |  |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Line Number | Input Buffer | Num | Output Buffer |
| 1 |  | - |  |
| 2 | 13 | 13 |  |
| 3 |  | 13 |  |
| 5 |  | 13 |  |
| 6 |  | 13 | green |