```
DECLARE
BEGIN
    FOR i IN 1..10 LOOP
        DBMS_OUTPUT.PUT_LINE('5 * ' || i || ' = ' || (5 * i));
    END LOOP;
END;
```

Results Explain Describe Saved SQL **History**

```
5 * 1 = 5
5 * 2 = 10
5 * 3 = 15
5 * 4 = 20
5 * 5 = 25
5 * 6 = 30
5 * 7 = 35
5 * 8 = 40
5 * 9 = 45
5 * 10 = 50
```

```
DECLARE
    num INTEGER := 10;
    factorial INTEGER := 1;
    i INTEGER := 1;
BEGIN
    WHILE i <= num LOOP
        factorial := factorial * i;
        i := i + 1;
    END LOOP;
    DBMS_OUTPUT.PUT_LINE('Factorial of 10 is: ' || factorial);
END;
```

Results Explain Describe Saved SQL History

```
Factorial of 10 is: 3628800
```

```
DECLARE
    num INTEGER;
    i INTEGER;
    is_prime BOOLEAN;
BEGIN
    FOR num IN 1..50 LOOP
        is_prime := TRUE;
        IF num < 2 THEN
            is_prime := FALSE;
        ELSE
            FOR i IN 2..TRUNC(SQRT(num)) LOOP
                IF MOD(num, i) = 0 THEN
                    is_prime := FALSE;
                    EXIT;
                END IF;
            END LOOP;
        END IF;
        IF is_prime THEN
            DBMS_OUTPUT.PUT_LINE(num);
        END IF;
    END LOOP;
END;
```

Results   Explain   Describe   Saved SQL   History

```
2
3
5
7
11
13
17
19
23
29
31
37
41
43
47
```