



Worksheet –3

NAME. – RAJDEEP JAISWAL
UID – 20BCS2761
BRANCH – BTECH CSE
SEM – 3RD
SEC = 13 A
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Ques : 1

Write a PL/SQL block to find the Sum of Digits of a given Number.

```
1 DECLARE
2     n     INTEGER;
3     temp_sum INTEGER;
4     r     INTEGER;
5 BEGIN
6     n := 123456;
7     temp_sum := 0;
8     WHILE n <> 0 LOOP
9         r := MOD(n, 10);
10        temp_sum := temp_sum + r;
11        n := Trunc(n / 10);
12    END LOOP;
13    dbms_output.Put_line('sum of digits = '
14                          || temp_sum);
15 END;
```

Statement processed.
sum of digits = 21



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Program code :

```
DECLARE
    n    INTEGER;
    temp_sum INTEGER;
    r    INTEGER;
BEGIN
    n := 123456;
    temp_sum := 0;
    WHILE n <> 0 LOOP
        r := MOD(n,
10);
        temp_sum :=
temp_sum + r;
        n := Trunc(n /
10);
        END LOOP;
        dbms_output.Put_line('sum of digits = '
|| temp_sum);
END;
```