

Chapter 2 - Practice Set

Q1 Which of the following is Invalid in C?

- (i) `int a; b=a;`
- (ii) `int v = 3 ^ 3;`
- (iii) `char dt = '21 Dec 2020';`

Q2 What data type will `3.0/8 - 2` return?
double

Q3 Write a program to check whether a number is divisible by 97 or not.

Q4 Explain step by step evaluation of $3 * x / y - z + k$
where $x = 2$ $y = 3$ $z = 3$ $k = 1$

$$\begin{aligned} \text{Q4)} \quad & 3 * 2 / 3 - 3 + 1 \\ &= 6 / 3 - 3 + 1 \\ &= 2 - 3 + 1 \\ &= -1 + 1 \\ &= 0 \text{ (Ans)} \end{aligned}$$

Q5 `3.0 + 1` will be :

- (a) Integer
- (b) Floating point number
- (c) Character