EXPERIMENT NO – 8

Title: PHP and XML

Objective:-To write the code for following queries.

Read the following xml file and present in tabular format on a web page using php.

```
<?xml version="1.0" encoding="utf-8"?>
<Employee>
        <emp id="101">
                <name>Aman</name>
                <age>20</age>
        </emp>
        <emp id="102">
                <name>Rahul</name>
                <age>22</age>
        </emp>
       <emp id="103">
                <name>Karan</name>
                <age>23</age>
        </emp>
</ Employee >
```

Output

ID	Name	Age
101	Aman	20
102	Rahul	22
103	Karan	23

ASSIGNMENT 8:

Write the HTML & PHP code for Fixed Deposit Calculator

Principal (Rs.)

Rate of Interest (%)

Period day(s)

Frequency Compounded Quarterly

CALCULATE CLEAR

OUTPUT:

Principal (Rs.) 15000

Rate of Interest (%) 5

Period 2 year(s)

Frequency Compounded Quarterly

CALCULATE CLEAR

You Invested Rs. 15000

Maturity Value Rs. 16567.29 *Interest earned Rs.1567.29*

Calculate Fixed Deposit (FD) - Definition, Formula and Example

Definition:

Fixed Deposits are a significant mode to invest for those who value security more than returns. This tutorial explains you how to calculate the maturity value and interest earned from FD.

Fomula:

$A = P \times (1 + r/n)^{nt}$ $I = A - P$

Where,

A = Maturity Value P = Principal Amount r = Rate of Interest t = Number of Period n = Compounded Interest Frequency I = Interest Earned Amount

Example :

An amount of Rs.15000 is deposited in a bank for 2 years and paying an annual interest rate of 5%, compounded quarterly.

Given :

Principal Amount (P) = Rs.15000

Rate of Interest Amount (r) = 5% = 0.05

Number of Period (t) = 2 years

Compounded Interest (n) = 4 (quarterly)

To Find :

Fixed Deposit (FD)

Solution :

Step 1 :

Maturity Value (A) = $P \times (1 + r/n)^{nt}$ = $15000 \times (1 + 0.05/4)^{4x2}$ = $15000 \times (1 + 0.0125)^8$ = $15000 \times (1.0125)^8$ = 15000 x 1.104486101

Maturity Value (A) = Rs. 16567.29

Step 2 :

Interest Earned Amount (I) = A - P = 16567.29 - 15000

Interest Earned Amount (I) = Rs. 1567.29

Result :

Maturity Value (FD) = Rs. 16567.29

Interest Earned Amount (I) = Rs. 1567.29