KATHMANDU UNIVERSITY DHULIKHEL, KAVRE

Lab Report On
Object Oriented Programming 2 COMP 1163
Lab Work No: 3

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TQ.17: Define a class, Vector which represents either a column vector or row vector. The vector ansists a single row/column of elements. Let m= 3. Use appropriate constructor and destructor. Implement the following method: Vector add (Vector) // Adds the vector. Ans: *) Source Code # indude (iostream) class vector & private: float a; float y; float 2; public: Vector (float a, float y, float z): n(n), y(y), z(z) & 3 vector add (worst vectors result); void print (); nvector (); 3; Vector vector: add (const vector4 v氨分 float a = v1. or + this->2; float y = V1.y + this-74; float z = V1.z + this-72; return vector (n,y,z); 3

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void Vector :: print () {
    Std: cout << "The resulting vector is"
    << x << " " << y << " " << z << std::endl;
vector !! ~ vector () & 3
int main()
     Vector V1 (1,2,3);
     Vector V2 (1,2,3);
     Vector V3 = v1·add (V2);
     V3. print ();
     return 0;
(X) Output
  The resulting vector is 2 4 6.
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(x) Description

This program consists of a class 'Vector' which contains data member 11,4,2 and has functions to initialize, add and print the sum of two vectors.