

GHANA COMMUNICATION

TECHNOLOGY UNIVERSITY

INSTITUTE OF CONTINUING

AND DISTANCE EDUCATION (ICDE)

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| COURSE CODE | CICS 112 |
| COURSE TITLE | Programming with C++ |
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Write a C++ program to display marks of 5 students by passing one-dimensional array in a function.

#include <iostream>

using std::cin;

using std::cout;

using std::string;

string getLabel(int index)

{

switch (index)

{

case 0:

return "First";

case 1:

return "Second";

case 2:

return "Third";

case 3:

return "Fourth";

case 4:

return "Firth";

default:

return "Last";

}

};

void displayMarks(int marks[], int size)

{

cout << "\n\nMarks of 5 students\n";

cout << "=======================\n";

for (int i = 0; i < size; i++)

{

cout << getLabel(i) << " Student" << ": " << marks[i] << " marks\n";

};

};

int main()

{

const int TOTAL\_STUDENTS = 5;

int marks[TOTAL\_STUDENTS];

cout << "\n\n========== STUDENT DISPLAY PROGRAM ==========\n\n";

cout << "Enter marks of 5 students:\n";

for (int i = 0; i < TOTAL\_STUDENTS; i++)

{

cout << "Enter mark for " << getLabel(i) << " student" << ": ";

cin >> marks[i];

}

displayMarks(marks, TOTAL\_STUDENTS);

return 0;

}



