LAB EXERCISE 9

Question 1

// function example

#include <iostream>

using namespace std;

int addition (int a, int b)//addition function

{

int r;

return (r);

}

int main ()

{

int z;

cout << "Strathmore University motto is "<<endl;

cout <<"\tThat all may be one"<<endl;

return 0;

}

Question 2

// function example

#include <iostream>

using namespace std;

int subtract (int a, int b)

{

int r;

r=a-b;

return (r);

}

int main ()

{

int z,x;

z=subtract(2018,1954);

x=subtract(2018,1999);

cout <<"Peter's age is"<<z<<endl;

cout <<"Celin's age is"<<x<<endl;

return 0;

}

Question 3

// function example

#include <iostream>

using namespace std;

int circleArea(int a,int b)

{

int r;

r=0.5\*22/7\*a\*a;

return (r);

}

int main ()

{

int z;

z=circleArea(12,12);

cout <<"The area of the circle is"<<z<<endl;

return 0;

}

Question 4

// function example

#include <iostream>

using namespace std;

int volume(int a,int b)

{

int r;

r=0.5\*22/7\*a\*b;

return (r);

}

int main ()

{

int z;

z=volume(12,14);

cout <<"The volume of the cylinder is"<<z<<endl;

return 0;

}

Question 5

// function example

#include <iostream>

using namespace std;

int main ()

{

int x=4,area,perimeter;

area=x\*x;

perimeter=x+x;

cout<<"The area of the square is"<<area<<endl;

cout<<"The perimeter of the square is"<<perimeter;

}