**Q. Write a program in C++ to display 1 To 10 numbers using loop?**

**🡺** #include<iostream>3

using namespace std;

int main()

{

string a;

cout<<"Enter Your Name: ";

cin>>a;

for (int i = 1; i < 11; i++)

{

cout<<i<<"\n";

}

return 0;

}

**Q. Write a program in C++ to add to numbers?**

🡺 #include <iostream>

using namespace std;

int main()

{

string z;

cout << "Enter Your Name: ";

cin >> z;

int a, b, c;

cout << "Enter First Number: ";

cin >> a;

cout << "Enter Second Number: ";

cin >> b;

c = a + b;

cout << c;

return 0;

}

**Q. Write a program in C++ to display 1 To 10 numbers using loop?**

🡺 #include <iostream>

using namespace std;

int main()

{

string z;

cout << "Enter Your Name: ";

cin >> z;

int input;

cout << "Enter a number to check if it is even or odd: ";

cin >> input;

if (input % 2 == 0)

{

cout << input << " is Even Number";

}

Else

{

cout << input << " is Odd Number";

}

return 0;

}

**Q. Write a program in C++ to swap two numbers?**

🡺 #include <iostream>

using namespace std;

int main()

{

string z;

cout << "Enter Your Name: ";

cin >> z;

int a, b;

cout << "Enter value for 'a': ";

cin >> a;

cout << "Enter value for 'b': ";

cin >> b;

a = a + b;

b = a - b;

a = a - b;

cout << "Value of 'a': " << a << "\n";

cout << "Value of 'B': " << b

return 0;

}

**Q. Write a program in C++ to generate multiplication table?**

🡺 #include <iostream>

using namespace std;

int main()

{

string z;

cout<<"Enter Your Name: ";

cin>>z;

cout << "Enter a Number to print the multiplication Table: ";

int input;

cin >> input;

for (int i = 1; i < 11; i++)

{

cout << input << " X " << i << " = " << input \* i << "\n";

}

return 0;

}

**Q. Write a program in C++ to add two number using function:**

**a) No Return No Argument**

🡺 #include <iostream>

using namespace std;

void add()

{

int a, b, c;

cout << "Enter First Number: ";

cin >> a;

cout << "Enter Second Number: ";

cin >> b;

c = a + b;

cout << c;

}

int main()

{

string z;

cout << "Enter Your Name: ";

cin >> z;

add();

return 0;

}

**b) With Return No Argument**

**🡺** #include <iostream>

using namespace std;

int add()

{

int a, b;

cout << "Enter First Number: ";

cin >> a;

cout << "Enter Second Number: ";

cin >> b;

return a + b;

}

int main()

{

string z;

cout << "Enter Your Name: ";

cin >> z;

cout << add();

return 0;

}

**c) No Return With Argument**

**🡺** #include <iostream>

using namespace std;

void add(int a, int b)

{

int c = a + b;

cout << c;

}

int main()

{

string z;

cout << "Enter Your Name: ";

cin >> z;

int a, b;

cout << "Enter First Number: ";

cin >> a;

cout << "Enter Second Number: ";

cin >> b;

add(a, b);

return 0;

}

**d) With Return With Argument**

🡺 #include <iostream>

using namespace std;

int add(int a, int b)

{

return a + b;

}

int main()

{

string z;

cout << "Enter Your Name: ";

cin >> z;

int a, b;

cout << "Enter First Number: ";

cin >> a;

cout << "Enter Second Number: ";

cin >> b;

cout << add(a, b);

return 0;

}

**Q. Write a program in C++ to create and call a function?**

**🡺** #include <iostream>

using namespace std;

class Animal

{

public:

void eat()

{

cout << "Eating Flesh";

}

};

int main()

{

string z;

cout << "Enter Your Name: ";

cin >> z;

Animal lion;

lion.eat();

return 0;

}

**Q. Write a program in C++ to call a function multiple times?**

**🡺** #include <iostream>

using namespace std;

class Calculate

{

public:

int a, b;

public:

void input()

{

cout << "Enter Your First Number";

cin >> a;

cout << "Enter Your Second Number";

cin >> b;

}

};

int main()

{

string z;

cout << "Enter Your Name: ";

cin >> z;

Calculate o;

o.input();

int c = o.a + o.b;

cout << "Sum = " << c;

o.input();

int d = o.a - o.b;

cout << "Difference = " << c;

o.input();

int d = o.a \* o.b;

cout << "Product = " << c;

return 0;

}

**Q. Write a program in C++ to call a function multiple times?**

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