Programming Fundamentals – C++ Programs with Solutions

1. Hello World

#include <iostream>

2. Display Different Data Types

#include <iostream>

3. Basic Arithmetic Operations

```
#include <iostream>
```

4. Area and Perimeter of Rectangle

```
#include <iostream>
```

5. Even or Odd

```cpp
#include <iostream>
```

6. Positive, Negative or Zero

```
#include <iostream>
```

7. Largest of Three Numbers

#include <iostream>

8. Percentage and Grade

```cpp
#include <iostream>
```

9. First N Natural Numbers

```cpp
#include <iostream>
```

10. Sum of First N Natural Numbers

#include <iostream>

11. Multiplication Table

```
#include <iostream>
```

12. Factorial of a Number

```cpp
#include <iostream>
```

13. Prime Number Check

#include <iostream>

14. Fibonacci Series

```cpp
#include <iostream>
```

15. Reverse a Number

#include <iostream>

16. Palindrome Number

```cpp
#include <iostream>
```

17. Maximum and Minimum in Array

#include <iostream>

18. Average of Array Elements

#include <iostream>

19. Function Example

```
#include <iostream>
```

20. Basic Input and Output

#include <iostream>