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| 1 | Write a program to find Nth  Fibonacci Number in C++ using IF ELSE statements? |
| Sample Input | 8 |
| Sample Output | 21 |
| Test Case | 1. 45 |
| 2. -6 |
| 3. A |
| 4. 3.5 |
| 5. 0 |

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| 2 | Write a program to set Nth bit of a number in C++ using control statements, if necessary? |
| Sample Input | Enter Number  13  Enter bit number you wish to set  2 |
| Sample Output | Bit set Successfully  Answer: 15 |
| Test Case | 1. 1, 3 |
| 2. 5, 2 |
| 3. -4, A |
| 4. 0,0 |
| 5. A, B |

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| 19 | Write a C++ program to find the Most Frequent Element in an Array? |
| Sample Input | Enter size of the array: 8  Enter elements in the array:  Enter Element 1: 3  Enter Element 2: 43  Enter Element 3: 2  Enter Element 4: 3  Enter Element 5: 21  Enter Element 6: 3  Enter Element 7: 43  Enter Element 8: 5 |
| Sample Output | Entered Array: 3 43 2 3 21 3 43 5  Most occurred number: 3 |
| Test Case | 1. size : 5 ; 1,2,3,4,5 |
| 2. size : -5 ; 1,2,3,4,5 |
| 3. size : A ; 1,1,1,2,3,4,5 |
| 4. size : 5 ; 1,1,1,1,1 |
| 5. size : 5 ; 1,2. |

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| 17 | Write a program to find Nth  Fibonacci Number in C++ using IF ELSE LADDER statements? |
| Sample Input | 8 |
| Sample Output | 21 |
| Test Case | 1. 45 |
| 2. -6 |
| 3. A |
| 4. 3.5 |
| 5. 0 |

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| 18 | Write a Program to find power of any number in C++? |
| Sample Input | Input the base: 23  Input the exponent: 4 |
| Sample Output | 279841 |
| Test Case | 1. base = 5, exponent = 4 |
| 2. base =0. 5, exponent = 14 |
| 3. base = A, exponent = 4 |
| 4. base = 5, exponent = 0 |
| 5. base = 66.6, exponent = -4 |