

Dot net Hand Written lab report question output.

```
D:\DotnetLab\handWrittenLA X + v
The integer value is: 10
The float value is:10.22
The char value is: A
The string value is: This is string
The Boolean value is: False
```

```
D:\DotnetLab\handWrittenLA X + v
Positive Integer Literal: 123
Negative Integer Literal: -456
Hexadecimal Representation: 419
Octal Literal: 62
Binary Literal: 218
```

```
D:\DotnetLab\handWrittenLA X + v
Float Literal: 3.14
Double Literal: 2.71828
Exponential Literal: 6.022E+23
Boolean True Literal: True
Boolean False Literal: False
Character Literal: A
String Literal: Hello, World!
This is a new line.
```

```
D:\DotnetLab\handWrittenLA X + v
The implicit type casting...
Integer value: 10
The Double value (after Type casting) is: 10
-----
The Explicit type casting...
The Explicit double is :2.23
The Explicit integer value(after type casting) is: 2
```

```
D:\DotnetLab\handWrittenLA X + v
-----Arithmetic operator -----
The addition is : 6
The Difference is: 2
The Multiply is: 8
The division is: 2
The mode is: 0
-----Increment and Decrement operator-----
Before increment: 12
After increment: 13
After Decrement: 12
----comparison operator----
Is Equal: False
Is Not Equal: True
Is Greater Than: False
Is Less Than: True
Is Greater or Equal: False
Is Less or Equal: True
---Boolean Logical Operator----
AND Result: False
OR Result: True
NOT Result: False
```

```
D:\DotnetLab\handWrittenLA X + v
-----Conditional Statements-----
Number is greater than 10
Number is odd
Number is positive
---Loops---
-----While Loop-----
1
2
3
4
5
----Do-While Loop-----
1
2
3
4
5
----For Loop-----
1
2
3
4
5
---For Each Loop---
1
2
3
4
5
```

```
D:\DotnetLab\handWrittenLA X +
Bitwise AND: 0
Bitwise OR: 15
Bitwise XOR: 15
Bitwise Complement: -6
Bitwise Left Shift: 20
Bitwise Right Shift: 1
Press Enter Key to Exit..
```

```
D:\DotnetLab\handWrittenLA X +
Enter your name: Naresh Khatri
Enter the number: 120
Your name is: Naresh Khatri
The entered number is: 120
```

```
D:\DotnetLab\handWrittenLA X + v
Enter your name: Naresh khatri
Enter the number: naresh

Invalid integer input. Please enter a valid integer.
```

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Enter a number: 13  
13 is a prime number.

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Enter a number: 12  
12 is a composite number.

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Enter a number: 122  
122 is even

Even numbers between 300 and 500:  
300 302 304 306 308 310 312 314 316 318 320 322 324 326 328 330 332 334 336 338 340 342 344 346 348 350 352 354 356 358  
360 362 364 366 368 370 372 374 376 378 380 382 384 386 388 390 392 394 396 398 400 402 404 406 408 410 412 414 416 418  
420 422 424 426 428 430 432 434 436 438 440 442 444 446 448 450 452 454 456 458 460 462 464 466 468 470 472 474 476 478  
480 482 484 486 488 490 492 494 496 498 500 |

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Prime numbers between 1 and 100:  
2 3 5 7 11 13 17 19 23 29 31 37 41 43 47 53 59 61 67 71 73 79 83 89 97 |

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Sum of the first 10 natural numbers: 55

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Enter your choice (a-g):  
c  
Tuesday

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Enter marks for subject 1: 32  
Enter marks for subject 2: 33  
Enter marks for subject 3: 45  
Enter marks for subject 4: 46  
Enter marks for subject 5: 50

Result Summary:  
Total Marks Obtained: 206  
Percentage: 41.20%  
Result: Pass

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X Value: 10  
Nested Switch Value: 5  
Another Nested Switch Value: 3

Printing numbers from 1 to 100 (skipping 25, 40, and 90):  
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 45  
46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85  
86 87 88 89 91 92 93 94 95 96 97 98 99 100 |

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-----Using Break-----  
Iteration 1  
Iteration 2  
Breaking the loop at i = 3  
----Using Continue----  
Iteration 1  
Skipping iteration 2 using Continue  
Iteration 3  
Skipping iteration 4 using Continue  
Iteration 5

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Enter the size of the array: 4  
Enter number 1: 6  
6 is divisible by 2 and 3.  
Enter number 2: 9  
Enter number 3: 13  
Enter number 4: 12  
12 is divisible by 2 and 3.

```
D:\DotnetLab\handWrittenLA X + v
Enter name of student 1: Naresh
Enter name of student 2: Bisham
Enter name of student 3: isha
Enter name of student 4: aman
Enter name of student 5: anish
Enter name of student 6: sita
Enter name of student 7: rita
Enter name of student 8: gita
Enter name of student 9: Nita
Enter name of student 10: goma

Students whose names end with 'a':
isha
sita
rita
gita
Nita
goma
```

```
D:\DotnetLab\handWrittenLA X + v
-----Concatenation-----
1. Concatenation: Naresh Khatri
-----Substring-----
2. Substring: Prog
-----Length-----
3. Length: 6
-----ToUpper and ToLower-----
4. ToUpper: NARESH KHATRI
   ToLower: naresh khatri
-----IndexOf-----
5. IndexOf 'Thapa': 7
-----Replace-----
6. Replace: replace that
```

```
D:\DotnetLab\handWrittenLA X + v
Birds whose names start with 's':
Sparrow
Swan
```