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| **SLO No** | 10.1.6 |
| **SLOs Mapped** | 8.3.2, 9.1.1,9.1.2,9.1.3,9.1.5,9.2.2,9.2.3,9.2.4, 9.2.5, 9.2.6, 10.1.6 |
| **Practical Activity** | To find the maximum number from input values. |
| **Equipment** | Computer |
| **Software** | Dev C++ |

**Practical No 13:**

Topic 10: Control Structure in C

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| **Objective:** |
| Students will be able to   * write C programs for the problem involving the use of if-else statement to check the values of numbers and identify the largest amongst them.   Note: You can use any compiler for program execution. |

**Fill the sections below as evidence of the practical activity**

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| --- | --- |
| **Algorithm** | **Flowchart** |
| Step 1: Start  Step 2: Input n  Step 3: max=n  Step 4: Input choice  Step 5: If choice== “y” then goto step 6 else goto step 9  Step 6: Input n  Step 7: If n>max then min=n  Step 8: Go to step 4  Step 9: Print max  Step 10: Stop |  |
| **Program Coding** | |
| #include<stdio.h>  int main() {  int n, max;  char choice;  printf("Enter the value of n: ");  scanf("%d", &n);  max = n;  printf("Do you want to continue (y/n): ");  scanf(" %c", &choice);  loop:  if (choice == 'y') {  printf("Enter the value of n: ");  scanf("%d", &n);  if (n > max) {  max = n;  }  printf("Do you want to continue (y/n): ");  scanf(" %c", &choice);  if (choice == 'y') {  goto loop;  }  }  if (choice == 'n') {  printf("Maximum number from your input is: %d\n", max);  }  return 0;  } | |
| **Program Output** | |
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