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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 even numbers in integers ranging from n1 and n2 (where n1 is greater than n2) |
| **Equipment** | Computer |
| **Software** | Dev C++ |

**Practical No 10:**

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 loop the coding and print even numbers in a defined range   Note: You can use any compiler for program execution. |

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

|  |  |
| --- | --- |
| **Algorithm** | **Flowchart** |
| Step 1: Start  Step 2: Input n1, n2  Step 3: i = n1  Step 4: If i < n2 then \n  Step 5: If i%2==0 then print i else go to step 8  Step 6: i--  Step 7: If i = n2 go to step 8 else go to step 5  Step 8: Stop |  |
| **Program Coding** | |
| #include<stdio.h>  int main()  {  int n1,n2;  printf("enter the value of n1:");  scanf("%d",&n1);  printf("enter the value of n2:");  scanf("%d",&n2);  if(n1<n2)  printf("error n1 should be greater than n2");  loop:  if(n2%2==0)  printf("%d\t",n2);  n2++;  if(n2<=n1)  goto loop;  return 0;  } | |
| **Program Output** | |
| C:\Users\Ismail\AppData\Local\Packages\Microsoft.Windows.Photos_8wekyb3d8bbwe\TempState\ShareServiceTempFolder\Screenshot (353).jpeg | |