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| **S. NO.** | **Program name** | **date** | **sign** |
| 1 | Write a Simple C++ programs to implement various control structures.  a)Switch Statement b)if statement  c)For loop d)While loop | 4/4/2022 |  |
| 2 | Write a program explaining various access modifiers | 4/4/2022 |  |
| 3 | Write a program to explain the concept of function overloading | 4/4/2022 |  |
| 4 | Write program on Constructors & destructors. | 6/5/2022 |  |
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| **Ex. No.: 4** | **Date: 06**/05/2022 |
| **Constructors & destructors** | |
| **Aim:**  Write program on Constructors & destructors. | |
| **Program**  #include<bits/stdc++.h>  using namespace std;  class Hero {      private:      int health;      public:      char \*name;      //constructor      Hero() {          cout << "neeru bhai call constructor" << endl;          name = new char[100];      }      //Destructor -> free memmory      ~Hero() {          cout << "neeru bhai call Destructor " << endl;      }  };  int main() {      Hero h;      return 0;  } | |
| **Output:**  neeru bhai call constructor  neeru bhai call Destructor | |
| **Result:** The above experiment successfully completed. | |