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 2019BTEEN00035 Batch: EN-4 (T.Y. B. Techoo)
        Object Oriented Programming.
   Exp. 6. : Operator overloading (binary)
o Activity :
 1) White a program to overload "+' operator to add
   two complex numbers.
    # include < iostmeam>
    using mamespace std;
    class Complex
           int real, imag;
      public:
           Complex ()
              real = imag = 0;
           Complex (int o, int i)
              real = v; imag = i;
            void setData ()
              cout << "In Enter real part: ";
               cln >> real;
               cout << "In Enter imaginary part: ";
               cin >> imag;
```

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YOUVA
         void getData()
            cout <<"In" << real <<" + " << imag << "i";
          Complex operator + (Complex & c1)
             Complex res;
             res. real = real + a. real;
             res. imag = imag + cl. imag;
             return res;
   main ()
int
   Complex ((20,10);
   Complex c2 (4,6);
   Complex (3 = 4+ (2;
   (3. get Data();
   return o;
output: 24 + 16i
```

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	Page No.: VOUVA
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0	questions:
	1> Which is the
_) Associativity & precedence of operators does not change.
	precedence of operators does not change.
1.0	2) How many marinum al.
	2) How many maximum object arguments a binary operator overloaded function can take ?
	=) 1
	Construction of the constr
	3) When using binary operators, overloaded through a
	member function, the left-hand operand must be an
	object of the relevant class.
	2
0	Conclusion: Using operator overloading, we can give
	special megnings to operators. In himm
	personal overloading, There should be one are
	be passed. It is overloading of an operator operation
	100 operands. We can achieve polymorphism using
	operator overloading.
	Numbers (int al. int bl.
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