



```
Char ch = 234342
 > Type Costing / Type Conversation
                                                   Il will not gove ever
   · vonvoisation of one data type
                                                    פונים פונים מושים פונים פונים
  to another in a program either automatically by compiler (implicit type conversion)
                                                                 will be considered
                                                     [10010101]
   manually by programmer (explicit type
                                                        A Charter of ( no. )
                                                           char equivalent
 implicit: char c=97;
          contecc; 11a
                                                     int = int
          int c= 'b';
          cout << c; 1/98
                                                     float = float
explicit: float a=(float)2; 1/2.000
       // variable = (type) expression;
                                                     double = double
                                                     float = float
-> Operators
 · Arithmetic -> +,-,*,1,%
° Relational →>, < ,>=, <=,!=,==
 · Assignment -> =
                                  n condition? x:y (if - then-else -)
 · hogical -> 22, 11, !
                                                    terminate loop
 · Miscellaneous -> Ternary operator
                   - hoops
-> conditionals
                                                   -> Break & Continue
                     ofor (int i=1; i<=n; i++){
                                                              Skip to the
                           11 body
                                                             next iteration
                                                              of the loop
                     - while (icen)
                                                  -> switch (wordihim) {
                       while (ix=n) }
                                                           case 'a':
                                                              couter "A" exend; break;
                            11 body
                            i++;
                                                           case 'b':
                                                              couter "B" (cend); break;
                      · i=1
                        doft
                                                              cout << "C" << end ; break ;
                         11 body
                                                           default:
                                                             contex "222" exerd; break;
                          i++;
                        fwhile (i <=n)
                                    Binary Number System

32 18 8 4 2
     Decimal Number Sysken
  190000 10000 1000 100 10
    105 104 103 102 101 100
                                          45=1x25+0x24+1x23+1x2+0x241x2°
   1234 = 1x103+2x10+ 3x10+4x100
                                           $ 101101 (in bhary)
```