```
# include < iostream>
int main() {
   int digit;
    std: cin >> digit;
   if ( digit ==0)
         Std: cout << "Zero";
   else {if (digit == 1)
              std: cont << "One";
         else if (digit == 2)
               std: cout << " Two";
```

```
else if (digit == 9)
stol: coul << "Nine":
                  std: Cout <<" Invalid input";
return 0;
                                default
switch case
                 breck
 switch (expression) {
      case const_value:
```

statement (s) Should be uni que Case const-ralue: Statement (s) default: statement(s)] < optional

```
# include < iostream>
int main() }
    int digit;
    std:: cin >> digit;
    switch (digit) {
        case 0;
               std:: cont << " 2000";
               brech; < come out of south
                                         Case
               std:: cout << " One";
                break;
```

std:: Cout << " Two";
; boeck; Case 2: 8td:: Cout << " Nine"; break; defaut: std: cout << " Invalid input"; # in clude < iostocam> int main L) {

```
wit digit:
std: cin >> digit;
if (( digit == 1) | ( digit == 3) |)
     (digt == 5) | (digt == 7) |
      (digit ==9))
      Std:: Cout << "odd";
      if (( digit == 2) | (digit == 4) |
          (di git == 6) \\ (digit ==8))
```

otd: cost << " E ven"; stel: cout << " Irralia Imput". rehron 0; swita (digit) { std:: cout << "odd"; break; Case 3: std:: cout 20" odd";

Std: cout < " Even"; borek; Std: cout < " Even"; borek; de fault: Atd: each cc" Enrolied wight"; switch (digit) { Case 1: Carse 3: Case 5: Case 7:

Case 9: std: cont << "odd";

Cone 2:

(ose4:

case 6:

Case 8:

break;

std: cout << " even"; bordr. de fault: Std: cot <<' Involved infut'; Losp -> top tested

bottom tested while the tested uhile 3 bottom tested.

abile Int alu'le (Condition) if toue Statement / Statement block. Krint er rupter from 1 to N-# in clude < iostream> int main () { std: cout << "Enter value of n"; mit no 8td:: cin >> n;

n = 5 int no = 1; culuile (no <= n) } 12345 Ista:: cout << no; std:: cout << ''
no = no + 1; 1 2 3 4 5 Std: cout << no << 1; egren 0; Exercise: Modify above frogram à abre frint negative num bers, studting from 1.

=) std: (cont << 'A'; Character A. 8td: cout << 'b'; Print a blank Opace one blank space Print new line - std:: cout << 'in'; 1 Escape 'AB'X sequence 16 \ a \t

$$1^{3} + 5^{3} + 3^{3} = 1 + 125 + 27$$

$$= 153 \sqrt{}$$

two live