

# **IF ELSE STATEMENTS:-**

- **if SYNTAX :-**

```
if( condition ) {  
    block of code to perform;  
}
```

- **If-else SYNTAX :-**

```
if ( condition ) {  
    block of code if condition is true;  
} else {  
    block of code if condition is false;  
}
```

- **If-else ladder SYNTAX:-**

```
if ( condition 1 ) {  
    block of code if condition is true;  
} else if ( condition 2 ) {  
    block of code if condition is true;  
} else if ( condition 3 ) {  
    block of code if condition is true;  
} else if ( condition 4 ) {  
    block of code if condition is true;  
} else {  
    block of code if all condition is false;  
}
```

# 1. Even / Odd

```
#include <stdio.h>
int main() {
    int n;
    scanf("%d", &n);
    if (n % 2 == 0)
        printf("Even\n");
    else
        printf("Odd\n");
    return 0;
}
```

Yeh tho khair clear hi hoga  
jaise isme h ke n ko aagar 2  
se divide karenge tho  
remainder zero bachega  
agar 0 bachega tho even  
nhi tho odd

Waise hi n agar 0 se badan  
tho positive or chota tho  
negative

# 2. Positive, Negative, Zero

```
#include <stdio.h>
int main() {
    int n;
    scanf("%d", &n);
    if (n == 0) printf("Zero\n");
    else if (n > 0) printf("Positive\n");
    else printf("Negative\n");
    return 0;
}
```

# 3. Larger of Two Numbers

```
#include <stdio.h>
int main() {
    int a, b;
    scanf("%d %d", &a, &b);
    if (a > b) printf("%d is larger\n", a);
    else if (b > a) printf("%d is larger\n", b);
    else printf("Equal\n");
    return 0;
}
```

# 4. Largest of Three Numbers

```
#include <stdio.h>
int main() {
    int a, b, c;
    scanf("%d %d %d", &a, &b, &c);
    if (a >= b && a >= c) printf("%d\n", a);
    else if (b >= a && b >= c) printf("%d\n", b);
    else printf("%d\n", c);
    return 0;
}
```

## 5. Leap Year

```
#include <stdio.h>
int main() {
    int y;
    scanf("%d", &y);
    if ((y % 400 == 0) || (y % 4 == 0 && y % 100 != 0))
        printf("Leap Year\n");
    else
        printf("Not Leap Year\n");
    return 0;
}
```

## 6. Grade Calculator

```
#include <stdio.h>
int main() {
    int marks;
    scanf("%d", &marks);
    if (marks < 0 || marks > 100) {
        printf("Invalid marks\n");
        return 0;
    }
    if (marks >= 90) printf("Grade: A\n");
    else if (marks >= 75) printf("Grade: B\n");
    else if (marks >= 50) printf("Grade: C\n");
    else if (marks >= 33) printf("Grade: D\n");
    else printf("Grade: F\n");

    if (marks >= 33) printf("Pass\n");
    else printf("Fail\n");
    return 0;
}
```

## 7. Vowel or Consonant

```
#include <stdio.h>
#include <ctype.h>
int main() {
    char ch;
    scanf(" %c", &ch);
    if (!isalpha(ch)) {
        printf("Invalid input\n");
        return 0;
    }
    ch = tolower(ch);
    if (ch=='a' || ch=='e' || ch=='i' || ch=='o' || ch=='u')
        printf("Vowel\n");
    else
        printf("Consonant\n");
    return 0;
}
```

# Point Quadrant

```
#include <stdio.h>
int main() {
    int x, y;
    scanf("%d %d", &x, &y);
    if (x==0 && y==0) printf("Origin\n");
    else if (x==0) printf("Y-axis\n");
    else if (y==0) printf("X-axis\n");
    else if (x>0 && y>0) printf("1st Quadrant\n");
    else if (x<0 && y>0) printf("2nd Quadrant\n");
    else if (x<0 && y<0) printf("3rd Quadrant\n");
    else printf("4th Quadrant\n");
    return 0;
}
```

## Marks with Boundaries

```
#include <stdio.h>
int main() {
    int m1, m2, m3;
    scanf("%d %d %d", &m1, &m2, &m3);
    if (m1<0||m1>100||m2<0||m2>100||m3<0||m3>100) {
        printf("Invalid marks\n");
        return 0;
    }
    int total = m1+m2+m3;
    float per = total/3.0;
    printf("Total: %d\n", total);
    printf("Percentage: %.2f\n", per);

    if (m1<33||m2<33||m3<33) {
        printf("Fail\n");
    } else {
        printf("Pass\n");
        if (per>=90) printf("Grade: A\n");
        else if (per>=75) printf("Grade: B\n");
        else if (per>=50) printf("Grade: C\n");
        else printf("Grade: D\n");
    }
    return 0;
}
```

## Days in a Month

```
#include <stdio.h>
int main() {
    int m, y, days;
    scanf("%d %d", &m, &y);
    if (m < 1 || m > 12) {
        printf("Invalid month\n");
        return 0;
    }
    if (m==1||m==3||m==5||m==7||m==8||m==10||m==12) days = 31;
    else if (m==4||m==6||m==9||m==11) days = 30;
    else {
        if ((y%400==0) || (y%4==0 && y%100!=0)) days = 29;
        else days = 28;
    }
    printf("%d\n", days);
    return 0;
}
```

# Triangle Validity & Type

```
#include <stdio.h>
int main() {
    int a, b, c;
    scanf("%d %d %d", &a, &b, &c);
    if (a <= 0 || b <= 0 || c <= 0) {
        printf("Invalid sides\n");
        return 0;
    }
    if (a+b>c && a+c>b && b+c>a) {
        if (a==b && b==c) printf("Equilateral\n");
        else if (a==b || b==c || a==c) printf("Isosceles\n");
        else printf("Scalene\n");
    } else {
        printf("Not a triangle\n");
    }
    return 0;
}
```

## Simple Calculator

```
#include <stdio.h>
int main() {
    double a, b;
    char op;
    scanf("%lf %lf %c", &a, &b, &op);
    if (op == '+') printf("%.2lf\n", a + b);
    else if (op == '-') printf("%.2lf\n", a - b);
    else if (op == '*') printf("%.2lf\n", a * b);
    else if (op == '/') {
        if (b == 0) printf("Error: Division by zero\n");
        else printf("%.2lf\n", a / b);
    }
    else if (op == '%') {
        if ((int)b == 0) printf("Error: Modulo by zero\n");
        else printf("%d\n", (int)a % (int)b);
    }
    else printf("Invalid operator\n");
    return 0;
}
```

## Palindrome Number

```
#include <stdio.h>
int main() {
    int n, rev=0, temp;
    scanf("%d", &n);
    if (n < 0) {
        printf("Not Palindrome\n");
        return 0;
    }
    temp = n;
    while (temp > 0) {
        rev = rev*10 + temp%10;
        temp /= 10;
    }
    if (rev == n) printf("Palindrome\n");
    else printf("Not Palindrome\n");
    return 0;
}
```

- Koi sa agar common na ho toh if else walon ko bhi switch statement se kar sakte h tho try kar lena waise itna concept building ke liye bahut baaki bahut se questions h iske jo hume diye the who aage daal arah try karna ho tho

- 17 Write a program to find a greater number from given 3 different numbers
- 18 Write a program to find a greater number from 3 numbers
- 19 Write a program to find a greater number from given 4 different numbers
- 20 Write a program to find a greater number from given 5 different numbers
- 21 Write a program to perform addition, subtraction, multiplication, division of 2 numbers as per user choice
- 22 Write a program to print entered digit in word using if else statement.

Find greatest among 3 different numbers

// Algorithm:

// 1. Start

// 2. Input 3 different numbers

// 3. Use if-else to compare all

// 4. Print largest

// 5. Stop

```
#include <stdio.h>
```

```
#include <conio.h>
```

```
void main() {  
    int a, b, c;  
    clrscr();  
    printf("Enter 3 different numbers: ");  
    scanf("%d %d %d", &a, &b, &c);  
    if(a > b && a > c)  
        printf("%d is greatest", a);  
    else if(b > a && b > c)  
        printf("%d is greatest", b);  
    else  
        printf("%d is greatest", c);  
    getch();  
}
```

Output:

Enter 3 different numbers: 9 1 3

9 is greatest

Find greatest among 4 different numbers

// Algorithm:

// 1. Start

// 2. Input 4 different numbers

// 3. Compare all using if-else

// 4. Print the greatest

// 5. Stop

```
#include <stdio.h>
```

```
#include <conio.h>
```

```
void main() {  
    int a, b, c, d;  
    clrscr();  
    printf("Enter 4 different numbers: ");  
    scanf("%d %d %d %d", &a, &b, &c, &d);  
    if(a > b && a > c && a > d)  
        printf("%d is greatest", a);  
    else if(b > a && b > c && b > d)  
        printf("%d is greatest", b);  
    else if(c > a && c > b && c > d)  
        printf("%d is greatest", c);  
    else  
        printf("%d is greatest", d);  
    getch();  
}
```

Output:

Enter 4 different numbers: 1 2 9 3

9 is greatest



Find greatest among 5 different numbers

// Algorithm:

// 1. Start

// 2. Input 5 different numbers

// 3. Compare all

// 4. Print largest

// 5. Stop

```
#include <stdio.h>
```

```
#include <conio.h>
```

```
void main() {
```

```
    int a, b, c, d, e;
```

```
    clrscr();
```

```
    printf("Enter 5 numbers: ");
```

```
    scanf("%d %d %d %d %d", &a, &b, &c, &d, &e);
```

```
    if(a > b && a > c && a > d && a > e)
```

```
        printf("%d is greatest", a);
```

```
    else if(b > a && b > c && b > d && b > e)
```

```
        printf("%d is greatest", b);
```

```
    else if(c > a && c > b && c > d && c > e)
```

```
        printf("%d is greatest", c);
```

```
    else if(d > a && d > b && d > c && d > e)
```

```
        printf("%d is greatest", d);
```

```
    else
```

```
        printf("%d is greatest", e);
```

```
    getch();
```

```
}
```

Output:

Enter 5 numbers: 10 5 25 7 3

25 is greatest

Calculator: +, −, ×, ÷ of 2 numbers (if-else menu)

// Algorithm:

// 1. Start

// 2. Input two numbers and choice

// 3. Use if-else to perform selected operation

// 4. Print result

// 5. Stop

```
#include <stdio.h>
```

```
#include <conio.h>
```

```
void main() {
```

```
    int a, b, choice;
```

```
    clrscr();
```

```
    printf("Enter two numbers: ");
```

```
    scanf("%d %d", &a, &b);
```

```
    printf("1.Add 2.Subtract 3.Multiply 4.Divide\n
```

```
    Enter your choice: ");
```

```
    scanf("%d", &choice);
```

```
    if(choice == 1)
```

```
        printf("Sum = %d", a + b);
```

```
    else if(choice == 2)
```

```
        printf("Difference = %d", a - b);
```

```
    else if(choice == 3)
```

```
        printf("Product = %d", a * b);
```

```
    else if(choice == 4)
```

```
        printf("Division = %.2f", (float)a / b);
```

```
    else
```

```
        printf("Invalid Choice");
```

```
    getch();
```

```
}
```

Output:

Enter two numbers: 10 5

1.Add 2.Subtract 3.Multiply 4.Divide

Enter your choice: 3

Product = 50

Print digit in words using if-else

// Algorithm:

// 1. Start

// 2. Input a digit (0–9)

// 3. Use if-else to match and print word

// 4. Stop

```
#include <stdio.h>
```

```
#include <conio.h>
```

```
void main() {
```

```
    int digit;
```

```
    clrscr();
```

```
    printf("Enter a digit (0-9): ");
```

```
    scanf("%d", &digit);
```

```
    if(digit == 0) printf("Zero");
```

```
    else if(digit == 1) printf("One");
```

```
    else if(digit == 2) printf("Two");
```

```
    else if(digit == 3) printf("Three");
```

```
    else if(digit == 4) printf("Four");
```

```
    else if(digit == 5) printf("Five");
```

```
    else if(digit == 6) printf("Six");
```

```
    else if(digit == 7) printf("Seven");
```

```
    else if(digit == 8) printf("Eight");
```

```
    else if(digit == 9) printf("Nine");
```

```
    else printf("Invalid digit");
```

```
    getch();
```

```
}
```

Output:

Enter a digit (0-9): 7

Seven

14. Check whether number is even or odd

// Algorithm:

// 1. Start

// 2. Input number

// 3. Check  $n \% 2 == 0$

// 4. Print result

// 5. Stop

```
#include <stdio.h>
```

```
#include <conio.h>
```

```
void main() {
```

```
    int num;
```

```
    clrscr();
```

```
    printf("Enter a number: ");
```

```
    scanf("%d", &num);
```

```
    if(num % 2 == 0)
```

```
        printf("Even number");
```

```
    else
```

```
        printf("Odd number");
```

```
    getch();
```

```
}
```

Output:

Enter a number: 5

Odd number



# Switch – Case STATEMENTS:-

- **Switch – Case SYNTAX :-**

```
switch (expression)
{
    case value1:
        // Code to execute if expression ==
        value1
        break; // Optional: exits the switch
        statement
    case value2:
        // Code to execute if expression ==
        value2
        break;
    // ... more cases

    default:
        // Code to execute if no case
        matches (optional)
        break;
        // Optional: exits the switch
        statement
}
```

**Switch case apan use karte h taaki ek hi chiz ki kai saari values pe agar hume koi kaam karwana h tho woh particular value pe alag alag task perform kara sake**

## Day of Week Program

```
#include <stdio.h>
int main() {
    int day;
    printf("Enter day number (1-7): ");
    scanf("%d", &day);

    switch(day) {
        case 1: printf("Monday\n"); break;
        case 2: printf("Tuesday\n"); break;
        case 3: printf("Wednesday\n"); break;
        case 4: printf("Thursday\n"); break;
        case 5: printf("Friday\n"); break;
        case 6: printf("Saturday\n"); break;
        case 7: printf("Sunday\n"); break;
        default: printf("Invalid day!\n");
    }
    return 0;
}
```

Waise hi day ka number  
input kiye uske  
according saare hi print  
kar diye

## Month Name Program

```
#include <stdio.h>
int main() {
    int month;
    printf("Enter month number (1-12): ");
    scanf("%d", &month);

    switch(month) {
        case 1: printf("January\n"); break;
        case 2: printf("February\n"); break;
        case 3: printf("March\n"); break;
        case 4: printf("April\n"); break;
        case 5: printf("May\n"); break;
        case 6: printf("June\n"); break;
        case 7: printf("July\n"); break;
        case 8: printf("August\n"); break;
        case 9: printf("September\n"); break;
        case 10: printf("October\n"); break;
        case 11: printf("November\n"); break;
        case 12: printf("December\n"); break;
        default: printf("Invalid month!\n");
    }
    return 0;
}
```

Same months ke sath  
bhi kiye h

## Simple Calculator

```
#include <stdio.h>
int main() {
    int choice;
    float a, b;
    printf("1. Add\n2. Subtract\n3. Multiply\n4. Divide\n");
    printf("Enter your choice: ");
    scanf("%d", &choice);

    printf("Enter two numbers: ");
    scanf("%f %f", &a, &b);

    switch(choice) {
        case 1: printf("Sum = %.2f\n", a+b); break;
        case 2: printf("Difference = %.2f\n", a-b); break;
        case 3: printf("Product = %.2f\n", a*b); break;
        case 4:
            if(b != 0) printf("Quotient = %.2f\n", a/b);
            else printf("Error! Division by 0.\n");
            break;
        default: printf("Invalid choice!\n");
    }
    return 0;
}
```

Calculator me bhi  
choice ke hisaab se kya  
task perform karna h  
who karwaya h

# Grade System

```
#include <stdio.h>
int main() {
    char grade;
    printf("Enter grade (A, B, C, D, F): ");
    scanf(" %c", &grade);

    switch(grade) {
        case 'A': printf("Excellent!\n"); break;
        case 'B': printf("Good!\n"); break;
        case 'C': printf("Average!\n"); break;
        case 'D': printf("Below Average!\n"); break;
        case 'F': printf("Fail!\n"); break;
        default: printf("Invalid grade!\n");
    }
    return 0;
}
```

# Traffic Light System

```
#include <stdio.h>
int main() {
    char color;
    printf("Enter traffic light color (R/G/Y): ");
    scanf(" %c", &color);

    switch(color) {
        case 'R': case 'r': printf("STOP!\n"); break;
        case 'G': case 'g': printf("GO!\n"); break;
        case 'Y': case 'y': printf("WAIT!\n"); break;
        default: printf("Invalid color!\n");
    }
    return 0;
}
```

# Vowel or Consonant

```
#include <stdio.h>
int main() {
    char ch;
    printf("Enter a character: ");
    scanf(" %c", &ch);

    switch(ch) {
        case 'a': case 'e': case 'i': case 'o': case 'u':
        case 'A': case 'E': case 'I': case 'O': case 'U':
            printf("Vowel\n"); break;
        default:
            printf("Consonant\n");
    }
    return 0;
}
```

## 7. Even or Odd

```
#include <stdio.h>
int main() {
    int num;
    printf("Enter a number: ");

    scanf("%d", &num);

    switch(num % 2) {
        case 0: printf("Even\n"); break;
        case 1: printf("Odd\n"); break;
    }
    return 0;
}
```

## 8. Area Calculator

```
#include <stdio.h>
int main() {
    int choice;
    float r, l, b, s;
    printf("1. Circle\n2. Rectangle\n3. Square\n");
    printf("Enter your choice: ");
    scanf("%d", &choice);

    switch(choice) {
        case 1:
            printf("Enter radius: ");
            scanf("%f", &r);
            printf("Area = %.2f\n", 3.14*r*r);
            break;
        case 2:
            printf("Enter length and breadth: ");
            scanf("%f %f", &l, &b);
            printf("Area = %.2f\n", l*b);
            break;
        case 3:
            printf("Enter side: ");
            scanf("%f", &s);
            printf("Area = %.2f\n", s*s);
            break;
        default:
            printf("Invalid choice!\n");
    }
    return 0;
}
```

## 9. Currency Converter

```
#include <stdio.h>
int main() {
    int choice;
    float inr;
    printf("1. INR to USD\n2. INR to EUR\n3. INR to YEN\n");
    printf("Enter your choice: ");
    scanf("%d", &choice);

    printf("Enter amount in INR: ");
    scanf("%f", &inr);

    switch(choice) {
        case 1: printf("USD = %.2f\n", inr*0.012); break;
        case 2: printf("EUR = %.2f\n", inr*0.011); break;
        case 3: printf("YEN = %.2f\n", inr*1.73); break;
        default: printf("Invalid choice!\n");
    }
    return 0;
}
```

# Mini ATM Program

```
#include <stdio.h>
int main() {
    int choice;
    float balance = 1000, amount;
    printf("1. Balance Check\n2. Withdraw\n3. Deposit\n4. Exit\n");

    printf("Enter your choice: ");
    scanf("%d", &choice);

    switch(choice) {
        case 1:
            printf("Current Balance = %.2f\n", balance);
            break;
        case 2:
            printf("Enter amount to withdraw: ");
            scanf("%f", &amount);
            if(amount <= balance) {
                balance -= amount;
                printf("Withdraw Successful. New Balance = %.2f\n", balance);
            } else {
                printf("Insufficient Balance!\n");
            }
            break;
        case 3:
            printf("Enter amount to deposit: ");
            scanf("%f", &amount);
            balance += amount;
            printf("Deposit Successful. New Balance = %.2f\n", balance);
            break;
        case 4:
            printf("Thank you! Exiting...\n");
            break;
        default:
            printf("Invalid choice!\n");
    }
    return 0;
}
```

- Koi sa agar common na ho toh if else walon ko bhi switch statement se kar sakte h tho try kar lena waise itna concept building ke liye bahut baaki bahut se questions h iske jo hume diye the who aage daal arah try karna ho tho

- 23 Write a program to perform addition, subtraction, multiplication, division of 2 numbers as per user choice
- 24 Write a program to print entered digit in word using switch case
- 25 Write a program to find greater number from two different numbers using switch case
- 26 Write a program to find greater number from given two numbers using switch case
- 27 Write a program to find greater number from given 3 different numbers using switch case
- 28 Write a program to find greatest number from 5 numbers using switch case
- 29 Write a program to find whether an alphabet is vowel or consonant using switch case

Print digit in words using switch-case	<pre>         case 7: printf("Seven");         break;          case 8: printf("Eight"); break;         case 9: printf("Nine"); break;         default: printf("Invalid digit");     }      getch();     }</pre>	<pre> #include &lt;stdio.h&gt; #include &lt;conio.h&gt;  void main() {     int a, b;      clrscr();      printf("Enter two numbers: ");     scanf("%d %d", &amp;a, &amp;b);      switch(a &gt; b) {          case 1: printf("%d is greater", a); break;          case 0: printf("%d is greater", b); break;      }      getch(); }</pre>
<pre> // Algorithm: // 1. Start // 2. Input digit (0–9) // 3. Use switch to print word // 4. Stop  #include &lt;stdio.h&gt; #include &lt;conio.h&gt;  void main() {     int digit;      clrscr();      printf("Enter a digit (0-9): ");     scanf("%d", &amp;digit);      switch(digit) {         case 0: printf("Zero"); break;         case 1: printf("One"); break;         case 2: printf("Two"); break;         case 3: printf("Three"); break;         case 4: printf("Four"); break;         case 5: printf("Five"); break;         case 6: printf("Six"); break;</pre>	<pre>         case 7: printf("Seven");         break;          case 8: printf("Eight"); break;         case 9: printf("Nine"); break;         default: printf("Invalid digit");     }      getch();     }</pre> <p>Output:</p> <p>Enter a digit (0-9): 3</p> <p>Three</p>	<pre> #include &lt;stdio.h&gt; #include &lt;conio.h&gt;  void main() {     int a, b;      clrscr();      printf("Enter two numbers: ");     scanf("%d %d", &amp;a, &amp;b);      switch(a &gt; b) {          case 1: printf("%d is greater", a); break;          case 0: printf("%d is greater", b); break;      }      getch(); }</pre> <p>Output:</p> <p>Enter two numbers: 10 5</p> <p>10 is greater</p>
<pre>         case 0: printf("Zero"); break;         case 1: printf("One"); break;         case 2: printf("Two"); break;         case 3: printf("Three"); break;         case 4: printf("Four"); break;         case 5: printf("Five"); break;         case 6: printf("Six"); break;</pre>	<pre>         case 7: printf("Seven");         break;          case 8: printf("Eight"); break;         case 9: printf("Nine"); break;         default: printf("Invalid digit");     }      getch();     }</pre> <p>Find greater of two numbers using switch</p> <p>// Algorithm:</p> <p>// 1. Start</p> <p>// 2. Input two numbers</p> <p>// 3. Use switch with conditional expressions</p> <p>// 4. Stop</p>	<pre> #include &lt;stdio.h&gt; #include &lt;conio.h&gt;  void main() {     int a, b;      clrscr();      printf("Enter two numbers: ");     scanf("%d %d", &amp;a, &amp;b);      switch(a &gt; b) {          case 1: printf("%d is greater", a); break;          case 0: printf("%d is greater", b); break;      }      getch(); }</pre> <p>Output:</p> <p>Enter two numbers: 10 5</p> <p>10 is greater</p>

26. Greater number from 2 numbers using switch case

Algorithm

- 1. Start
- 2. Input two numbers a, b
- 3. Use switch on (a > b)
- 4. Print greater number
- 5. Stop

Code

```
#include <stdio.h>

int main() {

int a, b;

printf("Enter two numbers: ");

scanf("%d %d", &a, &b);

switch(a > b) {

case 1:

printf("Greater number: %d", a);

break;

case 0:

printf("Greater number: %d", b);

break;

}

return 0;

}
```

Output

Enter two numbers: 15 27  
Greater number: 27

27. Greater number from 3 numbers using switch case

Algorithm

- 1. Start
- 2. Input three numbers a, b, c
- 3. Find greater of a and b → store in big
- 4. Compare big with c

5. Print greatest

6. Stop

Code

```
#include <stdio.h>

int main() {

int a, b, c, big;

printf("Enter three numbers: ");

scanf("%d %d %d", &a, &b, &c);

switch(a > b) {

case 1: big = a; break;

case 0: big = b; break;

}

switch(big > c) {

case 1: printf("Greatest number: %d", big); break;

case 0: printf("Greatest number: %d", c); break;

}

return 0;

}
```

Output

Enter three numbers: 25 40 18  
Greatest number: 40

28. Greatest number from 5 numbers using switch case

Algorithm

- 1. Start
- 2. Input five numbers a, b, c, d, e
- 3. Compare step by step using switch
- 4. Store max in big
- 5. Print greatest
- 6. Stop

Code

```
#include <stdio.h>

int main() {

int a, b, c, d, e, big;

printf("Enter five numbers: ");

scanf("%d %d %d %d %d", &a, &b, &c, &d, &e);

// Compare a and b

switch(a > b) {

case 1: big = a; break;

case 0: big = b; break;

}

// Compare with c

switch(big > c) {

case 1: big = big; break;

case 0: big = c; break;

}

// Compare with d

switch(big > d) {

case 1: big = big; break;

case 0: big = d; break;

}

// Compare with e

switch(big > e) {

case 1: big = big; break;

case 0: big = e; break;

}

printf("Greatest number: %d", big);

return 0;

}
```

Output

Enter five numbers: 12 55 34 99 23  
Greatest number: 99