main.c File Reference

Functions

void **main** ()

Function Documentation

◆ main()

void main ( )

operations.c File Reference

Functions

int	**findReverse** (int n) This function reverses the input number. More...
int	**Get_Integral** (char s_value[]) This function is used by the main feature functions for Conversions. More...
int	**Get_Fractional** (char s_value[]) This function is used by the main feature functions for Conversions. More...
bool	**checkIsBinaryIntegral** (int bin) This function is used by the main feature functions for Conversions. More...
double	**Binary_to_Decimal** (char input[]) This function returns the Decimal output for the Binary input. More...
void	**Binary_To_Hexadecimal** (char input[]) This function prints the Hexadecimal value for the Binary input. More...
void	**Binary_to_Octal** (char inp[]) This function prints the Octal value for the Binary input. More...

Function Documentation

◆ Binary_to_Decimal()

double Binary_to_Decimal (char input[])

This function returns the Decimal output for the Binary input.

Parameters

input string is a valid Binary value.

Returns

Output is a Decimal value in Double type.

◆ Binary_To_Hexadecimal()

void Binary_To_Hexadecimal (char input[])

This function prints the Hexadecimal value for the Binary input.

Parameters

input string is a valid Binary value.

◆ Binary_to_Octal()

void Binary_to_Octal (char inp[])

This function prints the Octal value for the Binary input.

Parameters

input string is a valid Binary value.

◆ checkIsBinaryIntegral()

bool checkIsBinaryIntegral (int bin)

This function is used by the main feature functions for Conversions.

Parameters

bin Binary Input is validated in this function.

Returns

true returns TRUE for the Valid Binary input.

false returns FALSE for the Valid Binary input.

◆ findReverse()

int findReverse (int n)

This function reverses the input number.

This function is used by the main feature functions for Conversions.

Parameters

n input is an Integer number to be reversed.

Returns

int Output is a reversed input.

◆ Get_Fractional()

int Get_Fractional (char s_value[])

This function is used by the main feature functions for Conversions.

◆ Get_Integral()

int Get_Integral (char s_value[])

This function is used by the main feature functions for Conversions.

operations.h File Reference

This header file includes all the prototypes of the functions. More...

Go to the source code of this file.

Functions

int	**findReverse** (int n) This function reverses the input number. More...
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Detailed Description

This header file includes all the prototypes of the functions.

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Date

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Function Documentation

◆ Binary_to_Decimal()

double Binary_to_Decimal (char input[])

This function returns the Decimal output for the Binary input.

Parameters

input string is a valid Binary value.

Returns

Output is a Decimal value in Double type.

◆ Binary_To_Hexadecimal()

void Binary_To_Hexadecimal (char input[])

This function prints the Hexadecimal value for the Binary input.

Parameters

input string is a valid Binary value.

◆ Binary_to_Octal()

void Binary_to_Octal (char inp[])

This function prints the Octal value for the Binary input.

Parameters

input string is a valid Binary value.

◆ checkIsBinaryIntegral()

bool checkIsBinaryIntegral (int bin)

This function is used by the main feature functions for Conversions.

Parameters

bin Binary Input is validated in this function.

Returns

true returns TRUE for the Valid Binary input.

false returns FALSE for the Valid Binary input.

◆ findReverse()

int findReverse (int n)

This function reverses the input number.

This function is used by the main feature functions for Conversions.

Parameters

n input is an Integer number to be reversed.

Returns

int Output is a reversed input.

◆ Get_Fractional()

int Get_Fractional (char s_value[])

This function is used by the main feature functions for Conversions.

◆ Get_Integral()

int Get_Integral (char s_value[])

This function is used by the main feature functions for Conversions.