

DOCUMENTATION

➤ ENCODER:

FUNCTION DEFINITION	INPUT	OUTPUT	DESCRIPTION	SPECIAL CASES
void space(int x)	integer	Print spaces	Print spaces for proper alignment.	
string getString(char x)	char	string	Convert char to string	
string intostring(int val)	int	string	Convert int to string	
int stringtoint(string str)	string	int	Convert string to int	
string2hexString(char* input, char* output)	Char array	Char array	Convert a string of data to its hexadecimal equivalent	
void convertBinToHex(int binaryNumber)	Binary value	Prints hexa value	Convert binary to hexa	
string decimaltobin(int n)	Integer(decimal value)	Binary string	Convert decimal to binary	
void dtoh(int n)	Integer(decimal value)	Prints hexa value	Convert decimal to hexa	
void inttocbor(int value)	integer	Prints final cbor output	Prints cbor output for an integer	
void stringtocbor(string str, string opr, int x)	String ,operator({ ,[, X for spaces	Prints final cbor output	Prints cbor output for string	
void identifyType(string str,int count)	String, count for size	To indentify array or map	Print cbor value of array or map.	
calculatesize(int j,string str)	takes whole string and i+1th char when str[i] is { or [Output is size,further stored in vector	Calculate size of array and vector further stored in vector for future access.	

MAIN FUNCTION:

Created queue of string for future accessing.

Vector v1 : store size after corresponding braces

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while(!q.empty())           //final traversing
    x : for changing indentation
```