* What is coercion in C?

The Argument Coercion is one technique by which the compiler can **implicitly convert** the arguments from one type to another type.

* Size of character literal in C?

4 bytes

* What is trigraph characters?

Combination of 3 char which generate a single character

Eg.

??( -> [

??) -> ]

??< -> {

??> -> }

??= -> #

>>! -> |

??/ -> \

??’ -> ^

??- -? ~

* Max arguments type main fun can take

int main(int argc, char\*argv[], char \*env[])

ans – 3

* What is segmentation fault

Trying to access memory which is not allocated

* BigEndian and LittleEndian

BigEndian is when msb is at lower address

LittleEndian is when msb is at higher address

* Segment: it is memory allocated for the program
* Floating values are stored using Mantissian technique

1st bit = sign

8th bit = exp

23nd bit = mantissa

0 000 0101.011 = 1.01011 x E2 =

* wchar\_t = 2 to 65536

Size = 2;

Char 1-256

Size = 1;

* Name Mangling
* VTABLE?

Virtual table

* VPTR?

Virtual tables are pointed by virtual pointers

* RTTI

Run-time type identification

typeid() operator

typeid(obj).name()

Q1. Find max and min of 3 nums without using control statements or conditional statements

Ans: <MaxMin.cpp>

Q2. Display its own source code

Ans: <print-itself.c>, <print-itself.cpp>

Q3. To check if a no is pow of 2

Ans: <Powof2.cpp>

Q4. Copy one string to another string without using lib fun

Ans: <strcpy.cpp>

Q5. Diff of 2 no without (-) sign

Ans: <sub.cpp>