**Techsoc Reverse Coding Prelims**

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| **Name** | **Roll No.** | **Email ID** | **Phone No.** |
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**PART - A**

1. Name 4 programming softwares.
2. #include <stdio.h>

#define square(x) x\*x

void main() {

int i;

i=64/square(4);

printf("%d",i);

 }

What is the output of the above program?

 3) What is the largest perfect cube in the Fibonacci series?

**PART- B**

1. A,E,F,H,I,K,...?
2. 1, 3, 6, 2, 7, 13, 20, 12, 21, ...
3. 3, 5, 7, 11, 13, 18, 21, 26, 31, 35, 43, ?

 4) INPUT OUTPUT

 2,1 C

 4,2 L

 2,5 G

 6,4 T

 1,3 D

 5,1 ?

 5) INPUT OUTPUT

 4,2,1 3

 3,7,2 20

 2,3,4 25

 2,4,6 78

 1,3,5 ??

 6) INPUT OUTPUT

techsoc 8

batman 33

 google 22

 reborn 17

 shaastra ??

 7) INPUT OUTPUT

 67 16

 299 149

 155 77

 379 37

 322 ??

 8) INPUT OUTPUT

 12 33

 16 2

 25 11

 30 51

 38 52

 20 ??

 9) INPUT OUTPUT

 coding xkahnh

 number mjwidd

 help pgnh

 rhythm ofxujp

 mirror ?

 10) 0, 3, 7, 13, 20, 28, 51....

 11) 3, 4, 6, 9, 13, 14, 20...