Round

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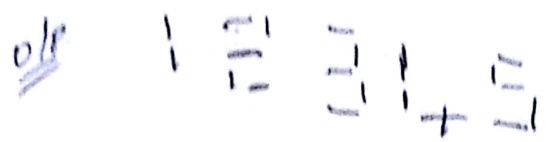
① i/p 1 2 3 4 5

o/p 

o/p No. of dashes = 21

② If a no is able to be split 2 prime nos then print Alex
else Julie

③ create a list and get input till 0 or get -1
Then print the odd elements in the list

④ i/p 7 8 22 15 18 21

o/p 7 8 22

⑤ Print the prime no btw x & y

⑥ Get the no from 0 to n
if divisible by 3 print SUP
if divisible by 3 & 5 print subdivide
" " by 5 print divisors

① probability – dice, coins
② permutation & combination
③ static, pointers
④ Data structure – malloc

Round 1

① Two coins are thrown, probability of getting
(i) one head
(ii) Exactly 2 head.

② pointers, vectors, maps
③ static pointers
④ a = (21, 33, 41)
b = 22, 34, 43

a+b = ? Ans a+b ⇒ 41+22 = 63

⑤ Spot the errors
⑥ Complete the sentence
⑦ Comprehension – Poem, paragraph
⑧ Reverse, shifting words in sentence.

...ndrome.

...t i to 20

if (i % 3 == 0)
print(wab);

if (i % 5 == 0)
print(device)

if (i % 3 == 0 && i % 5 == 0)
print(wabdevice)

else print(i);

...ermutation.

4. Sum of two prime numbers = x.

i.e) x = a + b.

Eg:- 8 = 3+5.

5. Pattern Matching.

6. Remove repetition of ~~strin~~ characters in a string.

Eg:- apple

o/p : aple

7.) Alex has a long list, print the odd numbers in the list (without size of list)

8.)

(Advanced Programming).

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i/p
Eg- 3
o/p 24

{1, 2, 3, 12, 13, 23, 123}
1+2+3+(1+2)+(1+3)+(2+3)
+(1+2+3)

→ sticks of length 1 cm.

i/p = 9 →
o/p = 3 (max. area of rectangles).

print even number in ascending order (mdtry for...
print odd number in descending order (chankel fo...