UNDER SIEGE

LEVEL 3
DECRYPTO CODING

ABOUT

- THIS LEVEL WILL CONTAIN QUESTIONS WHICH ARE BASED ON BASIC TECHNOLOGY AWARENESS. A QUESTION AND A JUMBLED/ENCRYPTED WORD (WHICH IS THE ANSWER TO THE GIVEN QUESTIONS) WOULD BE GIVEN. NOW AFTER FINDING THE CORRECT ANSWER, IT SHOULD BE COMPARED WITH THE GIVEN JUMBLED/ENCRYPTED WORD TO FIND THE PATTERN WITH WHICH THE ENCODING HAS BEEN DONE. NOW FINALLY, MAKE A PROGRAM THAT TAKES A STRING AS INPUT AND ENCODES IT IN THE SAME PATTERN IN WHICH THE GIVEN SAMPLE STRING WAS ENCODED.

- EXAMPLE :

  1. A STRING IS GIVEN IN A JUMBLED WAY E.G. TOPOTAIG
  2. WE GIVE A RIDDLE AS QUESTION ALONG WITH THE ABOVE GIVEN POINT.
  3. THE ANSWER TO THE RIDDLE AS IN THIS CASE IS POTATO
  4. NOW THEY MATCH THIS ANSWER WITH THE GIVEN STRING WHICH IN THIS CASE IS TOPOTAIG
  5. NOW WE GIVE THEM TWO TEST CASE TO DECIDE AND PRESENT THE ANSWER TO US.
  6. IN THIS CASE WE SEE THAT THE LAST TWO LETTERS ARE CONCATENATED IN THE BEGINNING AND IG IS ADDED IN THE LAST TO THE MODIFIED STRING.

TIME OUT

- EVERY TEAM IS TO CALL FOR A CODE RECIEW IF THEY WANT TO SUBMIT THEIR CODE SOLUTION. IF A PROBLEM IS ANSWERED CORRECTLY BY A TEAM, THAT QUESTION WILL VANISH AND NO OTHER TEAM CAN ATTEMPT IT. OTHERWISE THE TEAM WILL INCUR A PENALTY.

EVALUATION

- AT THE END OF THE LEVEL, THE TEAM WITH THE MOST POINTS WINS.

TIME CONSTRAINT

- THE TIME DURATION ALLOCATED FOR 3RD LEVEL IS 75 MINUTES.

NUMBER OF QUESTIONS

- THE TOTAL NUMBER OF QUESTIONS IN THIS LEVEL ARE 10.