CAT 2 NOVEMBER 2024, PRINCIPLES OF C PROGRAMMING

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Q.1 a)
 Output of code in Image 1
     1 = 4
    Breaking the loop out i = 5
 b) is while loop
    # include < stdio.h>
        int main () }
             int 1=1;
           . White (1<=10) }
             if (i == 5)
            frint ("Breaking the loop at 1=517");
               break; }
             Printf (" i = %d/n", i);
             1++;
            return o;
  ii) Do while toop
        # include < stdio.n>
            int main () {
               int i= 1;
              3 (c==5) {
                  Printf("Breaking the loop at i = 5 \n");
                 breaks
                Printf ("i= % d\n", i);
                i++;
               3 while (i <=10);
```

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9.2.
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Hindule < Station7
int main () {
       int is
       for (i=1; i <=10; i++) {
             if ( i == 3) {
                   Printf ("skipping interation at i=31");
                   continue;
                Printf ("i=%d\n", i):
                if ( i == 5) {
               return 0;
```