**Question: Leet code for Palindrom Number.**

**Solution:**

class Solution {

public boolean isPalindrome(int x) {

if(x == 0){

return true;

}

if(x < 0 || x % 10 == 0){

return false;

}

int int\_reverse = 0;

while(x > int\_reverse){

int pop = x % 10;

x/= 10;

int\_reverse = (int\_reverse \* 10) + pop;

}

if(x == int\_reverse || x == int\_reverse / 10){

return true;

}else{

return false;

}

}

}

**Question 2: Leet code for Happy Number.**

class Solution {

public boolean isHappy(int n) {

HashSet <Integer> hs = new HashSet<>();

int sum = 0;

while(sum!= 1 && !hs.contains(sum)){

hs.add(sum);

sum=0;

while(n!=0)

{

sum += Math.pow(n%10,2);

n/=10;

}

n = sum;

}

return sum == 1;

}

}