```cpp
//STEMnArts
//Emily

#include <iostream>
#include <math.h>
#include <string>
#include <stdio.h>
#include <bits/stdc++.h>

using namespace std;


int main()
{
    long long int N; //number from the user
    int P; // the position to replace
    int D; // the replacement number.
    int powerof = 1;
    int sub_num;
    int sum;
    int subtract;
    cin >> N >> P >> D ;
      long long int number = N;
    for (int i = P-1; i> 0; i--){
       powerof = powerof * 10;
    }
    N = N/ powerof;
    sub_num = N % 10;
    //cout << sub_num <<endl;
    //cout << N<< endl;
    if (sub_num >= 0 && sub_num <= 4){
       sum = sub_num + D;
       sum = sum % 10;
       N = N - sub_num + sum;
       N = N*powerof;
       cout << N;
       }
     else{
       subtract = abs(sub_num - D);
       //cout << subtract << endl;
       while (subtract > 10){
          subtract = subtract / 10;
       }
       //sub_num = ;
       N = N - sub_num + subtract ;
       N = N*powerof;
       cout << N;
```

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        //cout << subtract;
    }
    //sum = abs(D-sub_num);
    //sum = N + sum;
}
```