

# Round-2

Task 1. Write a python program to find out number of frequent item sets using FPGrowth for the given dataset.

```
dataset=[[ 'r', 'z', 'h', 'j', 'p'],  
         [ 'z', 'y', 'x', 'w', 'v', 'u', 't', 's'],  
         [ 'z'],  
         [ 'r', 'x', 'n', 'o', 's'],  
         [ 'y', 'r', 'x', 'z', 'q', 't', 'p'],  
         [ 'y', 'z', 'x', 'e', 'q', 's', 't', 'm']]
```

Task 2. Write a python program to perform simple random sampling with and without replacement.