https://storeperfect.colgate-palmolive.com.pk/staging2018/live/PlanogramApi/Api/get\_zone

https://storeperfect.colgate-palmolive.com.pk/staging2018/live/PlanogramApi/Api/get\_category

https://storeperfect.colgate-palmolive.com.pk/staging2018/live/PlanogramApi/Api/get\_pop

param: zone\_id(multiple)

https://storeperfect.colgate-palmolive.com.pk/staging2018/live/PlanogramApi/Api/get\_images

pop\_id:00114990

category\_id:17

jc\_date:12-02-2020

==================================================================

#include<iostream>

using namespace std;

void stringFunction(string s){

int n=s.length();

if(n==0) {cout<<s[0]<<" ";}

else {

cout<<s.substr(0,n-1)<<" ";

s=s.substr(0,n-1);

stringFunction(s);

}

}

int main() {

cout<<"Enter String"<<endl;

string n;

cin>>n;

cout<<n<<" ";

stringFunction(n);

return 0;

}

-----------------------------------------------------------------------------------------------------------------------------------+

#include<stdio.h>

#include<stdlib.h>

struct node

{

int a;

struct node \*next;

};

void generate(struct node \*\*, int );

void search(struct node \*, int , int);

void delete (struct node \*\*);

int main()

{

struct node \*head=NULL;

int key, num;

printf("Enter the number of nodes :" );

scanf("%d", &num);

generate(&head , num);

printf("\enter key to search : ");

scanf("%d", &key);

search(head, key ,num);

delete (&head);

}

void generate (struct node \*\* head , int num)

{

int i;

struct node \*temp;

for(i=0; i<num; i++)

{

temp=(struct node \*)malloc(sizeof(struct node));

temp->a= rand () %num;

printf("%d", temp->a);

if(\*head==NULL)

{

\*head=temp;

(\*head)->next =NULL;

}

else

{

temp->next=\*head;

\*head=temp;

}

}

}

void search (struct node \*head , int key , int index)

{

if(head->a==key)

{

printf("key found at location: %d\n", index);

}

if (head->next==NULL)

{

return ;

}

search(head->next, key, index-1);

}

void delete(struct node \*\*head)

{

struct node \*temp;

if(\*head !=NULL)

{

temp=\*head;

\*head=(\*head)->next;

free(temp);

}

printf("Node is actually deleted!!");

}

-----------------------------------------------------------------------------------------

#include<stdio.h>

#include<stdlib.h>

#define infinity 9999

#define MAX 20

int G[MAX][MAX],spanning[MAX][MAX],n;

int prims();

int main()

{

int i,j,total\_cost;

printf("Enter no. of vertices:");

scanf("%d",&n);

printf("\nEnter the adjacency matrix:\n");

for(i=0;i<n;i++)

for(j=0;j<n;j++)

scanf("%d",&G[i][j]);

total\_cost=prims();

printf("\nspanning tree matrix:\n");

for(i=0;i<n;i++)

{

printf("\n");

for(j=0;j<n;j++)

printf("%d\t",spanning[i][j]);

}

printf("\n\nTotal cost of spanning tree=%d",total\_cost);

return 0;

}

int prims()

{

int cost[MAX][MAX];

int u,v,min\_distance,distance[MAX],from[MAX];

int visited[MAX],no\_of\_edges,i,min\_cost,j;

//create cost[][] matrix,spanning[][]

for(i=0;i<n;i++)

for(j=0;j<n;j++)

{

if(G[i][j]==0)

cost[i][j]=infinity;

else

cost[i][j]=G[i][j];

spanning[i][j]=0;

}

//initialise visited[],distance[] and from[]

distance[0]=0;

visited[0]=1;

for(i=1;i<n;i++)

{

distance[i]=cost[0][i];

from[i]=0;

visited[i]=0;

}

min\_cost=0; //cost of spanning tree

no\_of\_edges=n-1; //no. of edges to be added

while(no\_of\_edges>0)

{

//find the vertex at minimum distance from the tree

min\_distance=infinity;

for(i=1;i<n;i++)

if(visited[i]==0&&distance[i]<min\_distance)

{

v=i;

min\_distance=distance[i];

}

u=from[v];

//insert the edge in spanning tree

spanning[u][v]=distance[v];

spanning[v][u]=distance[v];

no\_of\_edges--;

visited[v]=1;

//updated the distance[] array

for(i=1;i<n;i++)

if(visited[i]==0&&cost[i][v]<distance[i])

{

distance[i]=cost[i][v];

from[i]=v;

}

min\_cost=min\_cost+cost[u][v];

}

return(min\_cost);

}

////////////////////////////////////////////////////////////////////////////////////////////////

XML after:

<?xml version="1.0" encoding="utf-8"?>  
  
<androidx.constraintlayout.widget.ConstraintLayout  
 android:id="@+id/constraintLayout"  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@drawable/custom\_background"  
  
 >  
  
  
 <ImageView  
 android:id="@+id/logo"  
 android:layout\_width="match\_parent"  
 android:layout\_height="100dp"  
 app:layout\_constraintTop\_toTopOf="parent"  
 android:src="@drawable/app\_logo"  
 android:layout\_marginTop="40dp"  
  
  
  
 />  
  
 <TextView  
 android:id="@+id/font"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="200dp"  
 android:layout\_marginTop="20dp"  
 android:fontFamily="@font/abril\_fatface"  
 android:gravity="center"  
 android:text="Store Perfect"  
 android:textColor="#fff"  
 android:textSize="40dp"  
 android:textStyle="bold"  
 app:layout\_constraintTop\_toBottomOf="@id/logo"  
  
 />  
  
  
 <androidx.cardview.widget.CardView  
 android:id="@+id/cardId"  
 android:layout\_width="match\_parent"  
 android:layout\_height="400dp"  
  
  
 android:layout\_marginTop="52dp"  
 android:textColor="#fff"  
 app:cardCornerRadius="25dp"  
  
 app:layout\_constraintTop\_toBottomOf="@id/font"  
 tools:layout\_editor\_absoluteX="20dp">  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:id="@+id/cs"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="30dp"  
  
 >  
  
 <com.google.android.material.textfield.TextInputLayout  
 android:id="@+id/text\_layout\_date"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="5dp"  
 android:layout\_marginTop="5dp"  
 android:layout\_marginRight="5dp"  
 android:layout\_marginBottom="20dp"  
 app:boxBackgroundColor="@android:color/white"  
 app:boxBackgroundMode="outline"  
 app:boxCornerRadiusBottomEnd="6dp"  
 app:boxCornerRadiusBottomStart="6dp"  
 app:boxCornerRadiusTopEnd="6dp"  
 app:boxCornerRadiusTopStart="6dp"  
 app:hintAnimationEnabled="false"  
 app:layout\_constraintBottom\_toTopOf="@id/next"  
  
 app:layout\_constraintStart\_toStartOf="parent"  
  
 >  
  
 <com.google.android.material.textfield.TextInputEditText  
 android:id="@+id/text\_view\_date"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:clickable="true"  
 android:focusable="false"  
 android:hint="Select Date"  
  
 />  
 </com.google.android.material.textfield.TextInputLayout>  
  
  
 <androidx.recyclerview.widget.RecyclerView  
  
 android:id="@+id/recyc"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="20dp"  
 android:layout\_marginRight="20dp"  
 android:visibility="gone"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 >  
>  
<!-- app:layout\_constraintBottom\_toTopOf="@id/previous">-->  
  
 </androidx.recyclerview.widget.RecyclerView>  
  
 <com.google.android.material.button.MaterialButton  
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 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="250dp"  
 android:layout\_marginTop="10dp"  
 android:layout\_marginBottom="30dp"  
 android:text="Next"  
 android:textColor="@android:color/white"  
 app:cornerRadius="16dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@id/recyc" />  
  
 <com.google.android.material.button.MaterialButton  
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 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="30dp"  
 android:layout\_marginTop="10dp"  
 android:layout\_marginBottom="30dp"  
 android:text="Previous"  
 android:textColor="@android:color/white"  
 app:cornerRadius="16dp"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@id/recyc"  
  
 />  
  
  
 </androidx.constraintlayout.widget.ConstraintLayout>  
  
  
 </androidx.cardview.widget.CardView>  
  
  
</androidx.constraintlayout.widget.ConstraintLayout>

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 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@drawable/custom\_background"  
  
 >  
  
  
 <ImageView  
 android:id="@+id/logo"  
 android:layout\_width="match\_parent"  
 android:layout\_height="100dp"  
 app:layout\_constraintTop\_toTopOf="parent"  
 android:src="@drawable/app\_logo"  
 android:layout\_marginTop="40dp"  
  
  
  
 />  
  
 <TextView  
 android:id="@+id/font"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="200dp"  
 android:layout\_marginTop="20dp"  
 android:fontFamily="@font/abril\_fatface"  
 android:gravity="center"  
 android:text="Store Perfect"  
 android:textColor="#fff"  
 android:textSize="40dp"  
 android:textStyle="bold"  
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 />  
  
  
 <androidx.cardview.widget.CardView  
 android:id="@+id/cardId"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
  
  
 android:textColor="#fff"  
 app:cardCornerRadius="25dp"  
 android:layout\_marginTop="50dp"  
  
 app:layout\_constraintTop\_toBottomOf="@id/font"  
 android:layout\_marginLeft="20dp"  
 android:layout\_marginRight="20dp"  
 >  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:id="@+id/cs"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="30dp"  
  
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 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="5dp"  
 android:layout\_marginTop="5dp"  
 android:layout\_marginRight="5dp"  
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 app:boxBackgroundMode="outline"  
 app:boxCornerRadiusBottomEnd="6dp"  
 app:boxCornerRadiusBottomStart="6dp"  
 app:boxCornerRadiusTopEnd="6dp"  
 app:boxCornerRadiusTopStart="6dp"  
 app:hintAnimationEnabled="false"  
 app:layout\_constraintBottom\_toTopOf="@id/next"  
 app:layout\_constraintStart\_toStartOf="parent"  
  
 android:layout\_marginBottom="20dp"  
  
 >  
  
 <com.google.android.material.textfield.TextInputEditText  
 android:id="@+id/text\_view\_date"  
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 android:layout\_height="wrap\_content"  
 android:clickable="true"  
 android:focusable="false"  
 android:hint="Select Date"  
  
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 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="20dp"  
 android:layout\_marginRight="20dp"  
 app:layout\_constraintBottom\_toTopOf="@id/previous"  
  
  
 android:visibility="gone"  
 >  
  
 </androidx.recyclerview.widget.RecyclerView>  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/next"  
 android:layout\_width="130dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="200dp"  
 android:layout\_marginTop="10dp"  
 android:text="Next"  
 android:textColor="@android:color/white"  
 app:cornerRadius="16dp"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@id/recyc"  
 android:layout\_marginBottom="30dp"  
 />  
  
 <com.google.android.material.button.MaterialButton  
 android:id="@+id/previous"  
 android:layout\_width="130dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="10dp"  
 android:layout\_marginLeft="30dp"  
 android:text="Previous"  
 android:textColor="@android:color/white"  
 app:cornerRadius="16dp"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@id/recyc"  
 android:visibility="gone"  
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</androidx.constraintlayout.widget.ConstraintLayout>