#include <iostream>

#include <string>

#include <vector>

#include <unistd.h>

using namespace std;

void task1(){

cout<<"GRU"<<endl;

cout<<"\*\*\*\*\*\t\*\*\*\*\t\*\t\*"<<endl;

cout<<"\*\t\t\*\t\*\t\*\t\*"<<endl;

cout<<"\* \*\*\t\*\*\*\*\t\*\t\*"<<endl;

cout<<"\*\t\*\t\*\t\*\t\*\t\*"<<endl;

cout<<"\*\*\*\*\*\t\*\t\*\t\*\*\*\*\*\*"<<endl;

}

void task2(){

int n;

cin>>n;

while(n--){

cout<<n+1<<endl;

sleep(1);

}

cout<<"Balst off to the moon!"<<endl;

}

void task3(){

vector<string> vec;

int c=0,flag=1;

char sw;

cout<<"Minions Task Manager\n1. Add Task\n2. View Tasks\n3. Remove Task\n4. Exit\nSelect an option: ";

while(flag){

cin>>sw;

switch(sw){

case '1':{

cout<<"Enter task description: ";

getline(cin,vec[c++]);

cout<<"Task added successfully!"<<endl;

break;

}

case '2':{

if(c){

cout<<"Current Tasks:"<<endl;

for(int i=0;i<vec.size();i++){

cout<<"Task ID:"<<i+1<<endl;

cout<<"Description:"<<vec[i]<<endl<<endl;

}

}

else{

cout<<"No tasks yet"<<endl;

}

break;

}

case '3':{

int ID;

cout<<"Enter task ID to remove:";

cin>>ID;

vec.erase(vec.begin()+ID-1);

cout<<"Task removed successfully!"<<endl;

break;

}

case '4':{

cout<<"Exiting Minions Task Manager. Have a great day!"<<endl;

flag=0;

break;

}

default:

cout<<"Wrong input"<<endl;

break;

}

}

}

int main() {

task1();

task2();

task3();

return 0;

}