```
name = input(['Animbitika the ' ...
    'latest slogan: '], "s");
disp('Slogan yambatato:  ')
```

```
Slogan yambatato:
```

```
disp(name)
```

```
kambataka simbitiku, nimbitikosimbitiki
```

```
name = input("Jina lako: ","s");
age = input("Tarehe ya kuzaliwa " + ...
    "'dd/mm/yyyy'","s");


yearofbirth = split(age, "/");
yearofBith = str2double(yearofbirth);
current_age_matrix = 2022-yearofBith;
current_age = current_age_matrix(3,:)

disp(current_age)

if (current_age <= 18)
    %disp("Sorry, you can't drink
   %  and live");
    fprintf("Mr/Miss %s, Huwezi" + ...
        "  tumia vileo", name);

else
   fprintf(['Mr/Miss %s, Unaweza' ...
       '  tumia vileo. Enda container'], name);

end
fprintf("\nYour age : %d", ...
    current_age);


name = input("Jina lako : ","s");
input_score = input("Alama zako: ","s");

score = str2double(input_score)

if(score < 0 || score > 100)
```

```
    disp("Invalid marks")
else
    if(score >= 70)
        disp("Vyema Kabisa: Gredi yako ni A");
    elseif(score >=60 && score <70)
        disp("Vyema Kabisa: Gredi yako ni B");
    elseif(score >= 50 && score < 60)
        disp("Vyema : Gredi yako ni C");
    elseif(score >=40 && score < 50)
        disp("Tia bidii: Gredi yako ni D");
    else
        disp("Umeshindwa: Gredi yako ni E");
    end
end


a = input("Enter the value of a: ");
b = input("Enter the value of b: ");
c = input("Enter the value of c: ");

discriminant = (b^2 - (4 * a * c));

x1 = (-b + sqrt(discriminant)) / (2 * a);
x2 = (-b - sqrt(discriminant)) / (2 * a);
%disp(discriminant)

if (discriminant < 0)
    fprintf("The roots are dinstinct and complex in nature");
    %fprintf("The roots are: ");
    %disp(x1);
    fprintf("The roots is: %d\n", x1,x2);
    %disp(x2);

elseif (discriminant == 0)
    fprintf("The roots are real and equal");
    %disp(x1);
    fprintf("The roots is: %d\n", x1,x2);
    %disp(x2);

else
    fprintf("The roots are distinct and real in nature");
    %disp(x1);
    fprintf("The roots is: %d\n", x1,x2);
    %disp(x2);
```

```
end

%fprintf("%dx^2 + ( %dx) + (%d) = 0", a,b,c);



a = input('Enter the value of a: ');
b = input('Enter the value of b: ');
c = input('Enter the value of c: ');

d = (b^2 - (4*a*c));
disp(d);
if (d==0 )
    fprintf("The roots are real and equal");
else
    if isreal(d)
        fprintf("The roots are complex");
    else
        fprintf("The roots are real and distinct")
    end
end
 x1 = (-b+sqrt(d))/2;
 x2 = (-b-sqrt(d))/2;
disp('The discriminant is : ')
disp(d)
disp("The roots are: ")
disp(x1)
disp(x2)

name = input("Jina lako: ","s");
year_born = input("Mwaka wa kuzaliwa: ");

age = 2022 - year_born;

if (age > 18)
    fprintf("Bi/Bw ")
    fprintf("Unaeza tumia vileo. " + ...
        "Fika container ");
else
    fprintf("Huwezi kunywa huku, " + ...
    "Toka container!")
end
```