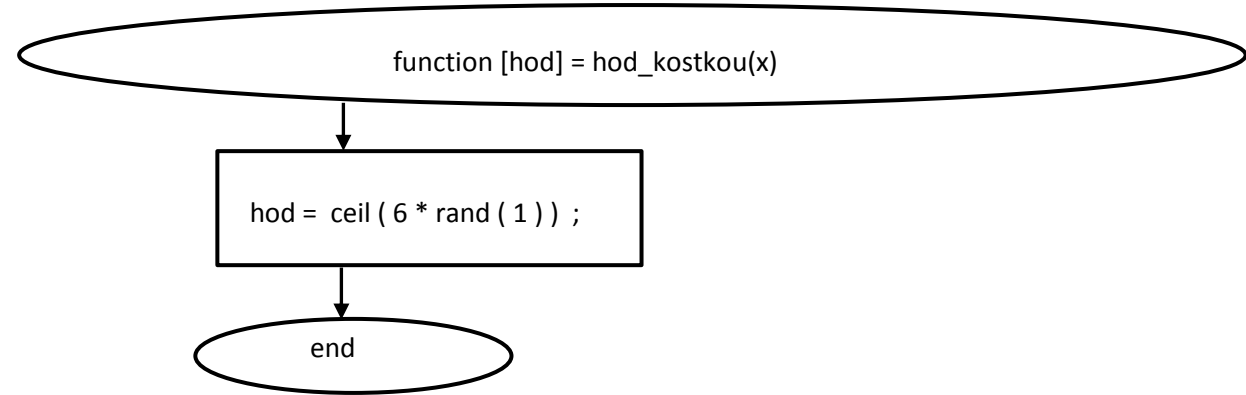


```
function [ hod ] = hod_kostkou( x )
```

```
    hod = ceil ( 6 * rand ( 1 ) ) ;
```

```
end
```



```
function [ v ] = hod_kostkou_graficky( hod )
```

```
switch (hod)
```

```
    case 1
```

```
        v = 'obrazky_projekt\kostka_1.jpg';
```

```
    case 2
```

```
        v = 'obrazky_projekt\kostka_2.jpg';
```

```
    case 3
```

```
        v = 'obrazky_projekt\kostka_3.jpg';
```

```
    case 4
```

```
        v = 'obrazky_projekt\kostka_4.jpg';
```

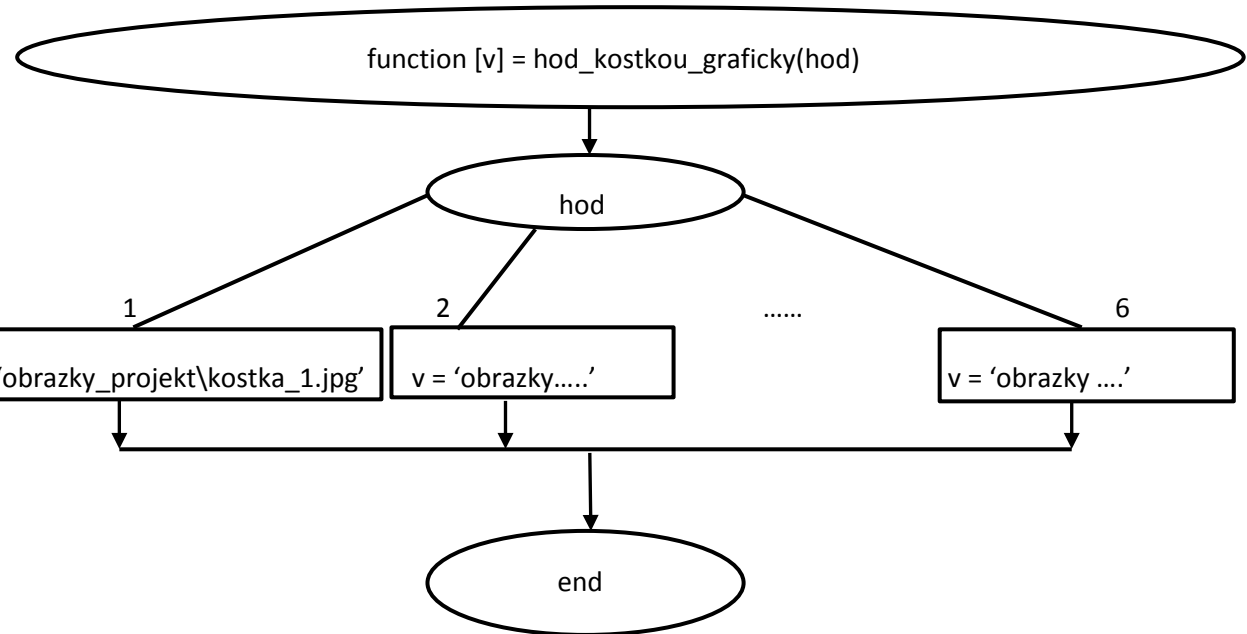
```
    case 5
```

```
        v = 'obrazky_projekt\kostka_5.jpg';
```

```
    case 6
```

```
        v = 'obrazky_projekt\kostka_6.jpg';
```

```
end
```



```
end
```

```
function [otazka_mat,vysledek_mat] =
generovani_cer_otazek(vstup_mat)
```

```
if vstup_mat == 1
```

```
    i = 0
```

```
    hod_mat = 0
```

```
    for i = 1: 3
```

```
        x = 1;
```

```
        [hod]=hod_kostkou(x);
```

```
        i = i + 1;
```

```
        hod_mat = hod_mat + hod;
```

```
    end
```

```
    switch (hod_mat)
```

```
        case 3
```

```
            otazka_mat = ' 1 + 2 = ';
```

```
            vysledek_mat = '3';
```

```
            .
```

```
            .
```

```
            .
```

```
        case 18
```

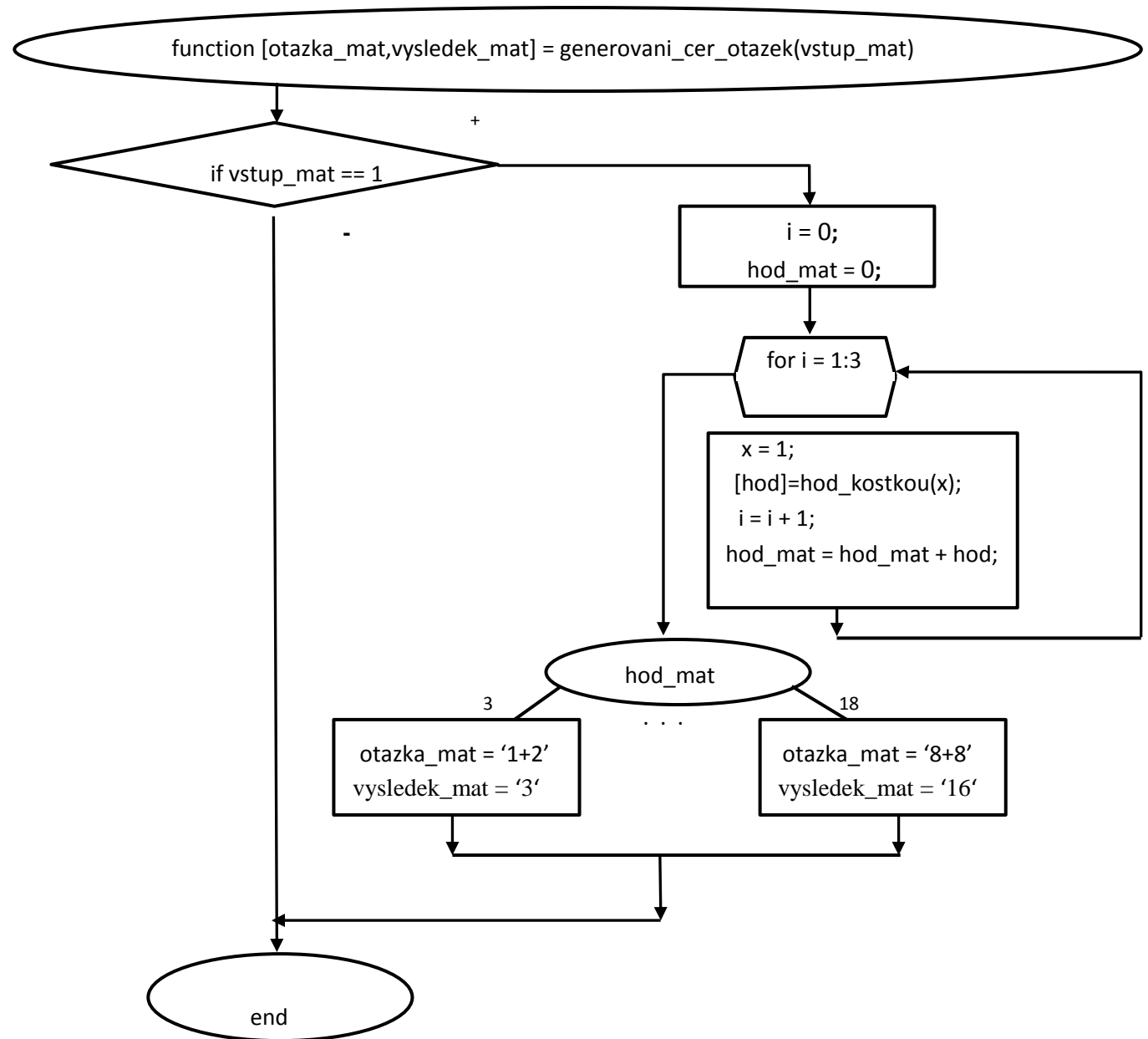
```
            otazka_mat = ' 8 + 8 = ';
```

```
            vysledek_mat = '16';
```

```
    end
```

```
end
```

```
end
```

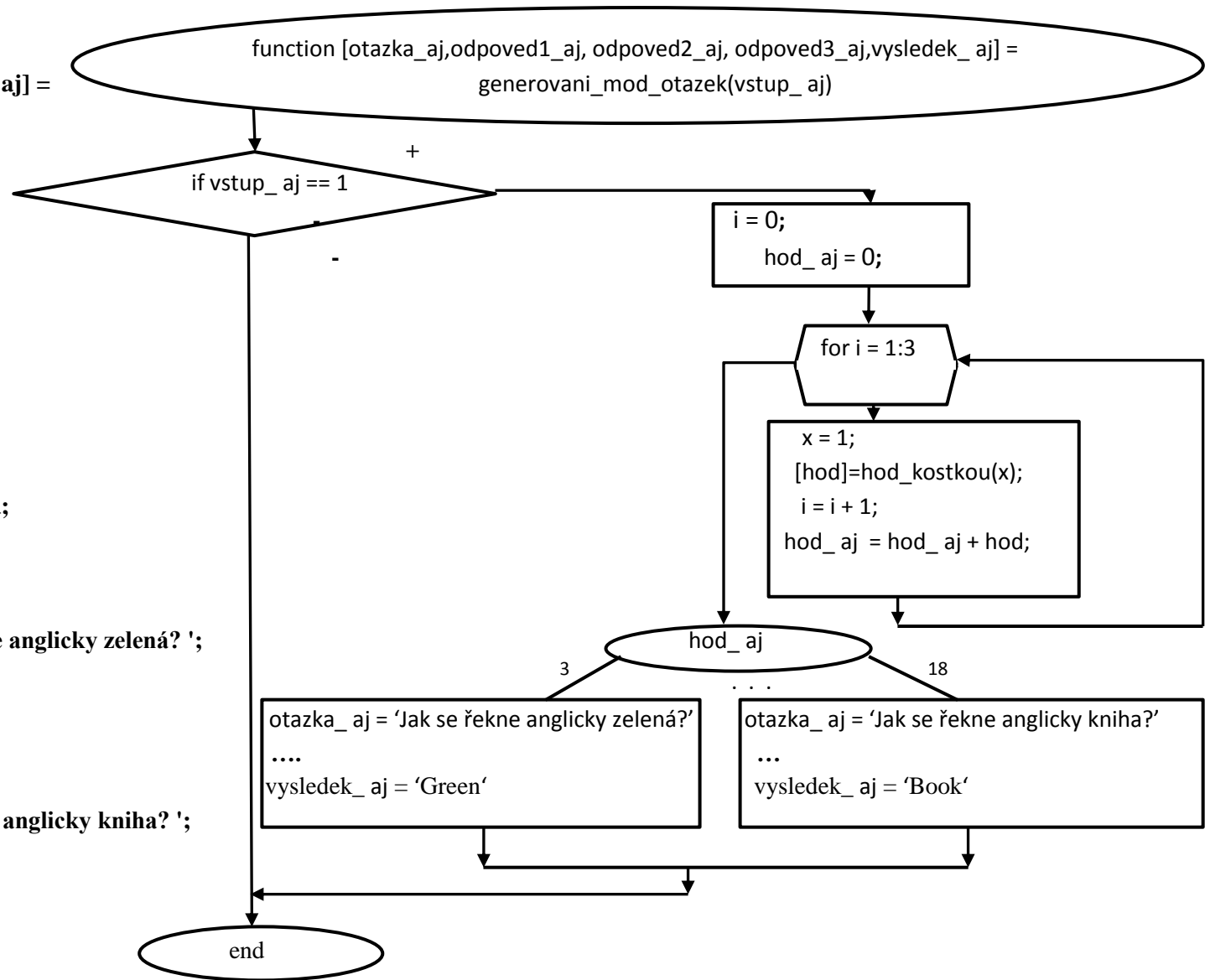


```
function [otazka_aj, odpoved1_aj,
odpoved2_aj, odpoved3_aj, vysledek_aj] =
generovani_mod_otazek(vstup_aj)
```

```
if vstup_aj == 1
    i = 0
    hod_aj = 0

    for i = 1: 3

        x = 1;
        [hod]=hod_kostkou(x);
        i = i + 1;
        hod_aj = hod_aj + hod;
    end
    switch (hod_aj)
        case 3
            otazka_aj = ' Jak se řekne anglicky zelená? ';
            ...
            vysledek_aj = 'Green'
            ...
        case 18
            otazka_aj = ' Jak se řekne anglicky kniha? ';
            ....
            vysledek_aj = 'Book';
            ....
        end
    end
end
```



```

function [otazka_bonus, odpoved1_bonus,
odpoved2_bonus, odpoved3_bonus,
vysledek_bonus] = generovani_zlu_otazek(vstup_bonus)

```

```

if vstup_bonus == 1
    i = 0;
    hod_bonus = 0;

    for i = 1: 3

        x = 1;
        [hod]=hod_kostkou(x);
        i = i + 1;
        hod_bonus = hod_bonus + hod;
    end
    switch (hod_bonus)
        case 3
            otazka_bonus = ' Jaký.....?';
            ...
            vysledek_bonus = 'Plot'
            ...
        case 18
            otazka_bonus = ' Když ...? ';
            ....
            vysledek_bonus = 'Ones';
        end
    end
end
end

```

