
PROGRAM

PROGRAM Div_Menu_Bar

```
number_of_Pages_to_Work();
```

```
if(total_pages <= 9) {  
    for(var i=1; i <= 9, i++){  
        ask server for link to page "i";  
        print number "i";  
        attach link of page "i" to number printed;  
        move one space to the right;  
    }  
  
    previous_page();  
    current_page();  
    next_page();  
}
```

```
if(total_pages > 9) {  
  
    previous_page();  
  
    first_page();  
    second_page();  
  
    pre_Ellipse();  
  
    pre_page();  
    current_page();  
    Pos_page();  
  
    pos_Ellipse();  
  
    pre_Last_Page();  
    last_page();  
  
    next_page();  
}
```

END

VARIABLES

```
var total_pages = 0;
var local_page = 0;
```

FUNCTIONS

```
function number_of_Pages_to_Work(){
    aks server howm many pages;
    total_pages = server answer;
}
```

```
function previous_page(){
    what_page_Im_now();
    if (local_page == 1){
        do not print previous_page link;
    }
    else {
        link to = local_page - 1;
    }
}
```

```
function first_page(){
    what_page_Im_now();
    if (local_page < 2){
        do not print first_page link;
    }
    else(
    prin first_page link;
    link to = page #1;
    }
}
```

```
function second_page(){
    if (local_page < 3){
        do not print second_page link;
    }
    else{
        prin second_page link;
        link to = page #2;
    }
}

function pre_Ellipse(){
    what_page_Im_now();
    if(local_page < 5){
        do not print pre_Ellipse link;
    }

    else{
        print pre_Ellipse link;
        link to = round((local_page - page #2)/2);
    }
}

function pre_page(){
    what_page_Im_now();
    if (local_page == 1){
        do not print pre_page link;
    }

    else{
        pirnt pre_page link;
        link to = local_page - 1;
    }
}

function current_page(){
    what_page_Im_now();
    pint current_page link in black color;
    link to = local_page;
}
```

```

function Pos_page(){
    what_page_Im_now();
    if (local_page == total_pages){
        do not print pos_page link;
    }
    else{
        print pos_page link;
        link to = local_page + 1;
    }
}

function pos_Ellipse(){
    what_page_Im_now();
    if( (total_pages - local_page) < 5){
        do not print pre_Ellipse link;
    }
    else{
        print pos_Ellipse link;
        link to = round((local_page - page #2)/2);
    }
}

function pre_Last_Page(){
    what_page_Im_now();
    if (local_page > (total_pages - 2)){
        do not print pre_Last_Page link;
    }
    else{
        print pre_last_page link;
        link to = total_pages - 1;
    }
}

function last_page(){
    what_page_Im_now();
    if (local_page > (total_pages - 1)){
        do not print last_page link;
    }
    else{
        print last_page link;
        link to = total_pages;
    }
}

```

```
function next_page(){
    what_page_Im_now();
    if (local_page == total_pages){
        do not print previous_page link;
    }
    else {
        link to = local_page + 1;
    }
}
```

```
function what_page_Im_now(){
    ask server what is my current page number;
    local_page = answer form server;
    return;
}
```