



```
4041 $dest_yy=$dest_x;
4042 $dest_xx=floor(($dest_x + $source_x) / 2);
4043
4044 $source_id = imagecreatetruecolor($source_w, $source_h);
4045 $target_id = imagecreatetruecolor($target_w, $target_h);
4046 $target_pic = imagecopyresampled($target_id, $target_w, $target_h, 0, 0, $source_id, $source_w, $source_h, 0, 0);
4047 imagejpeg($target_id, $targetfile, $jpegquality);
4048
4049 function watermark($pic, $targetfile, $watermark) {
4050
4051     $hexstr = $watermark['color'];
4052     $hexstr = preg_replace('/[^\d\w-]/', '', $hexstr);
4053     $rgbarray = array();
4054     if (strlen($hexstr) == 3) {
4055         $colorval = hexdec($hexstr);
4056         $rgbarray['red'] = hexdec($colorval);
4057         $rgbarray['green'] = hexdec($colorval);
4058         $rgbarray['blue'] = hexdec($colorval);
4059     } else {
4060         $colorval = hexdec($watermark['color']);
4061         $rgbarray['red'] = hexdec($colorval);
4062         $rgbarray['green'] = hexdec($colorval);
4063         $rgbarray['blue'] = hexdec($colorval);
4064     }
4065     $color = "#$hexstr";
4066
4067     $font_size = $watermark['font_size'];
4068     $font_color = $watermark['font_color'];
4069     $font_weight = $watermark['font_weight'];
4070     $font_align = $watermark['font_align'];
4071     $font_x = $watermark['font_x'];
4072     $font_y = $watermark['font_y'];
4073     $font_size = $font_size;
4074     $font_color = $font_color;
4075     $font_weight = $font_weight;
4076     $font_align = $font_align;
4077     $font_x = $font_x;
4078     $font_y = $font_y;
4079     $font_size = $font_size;
4080     $font_color = $font_color;
4081     $font_weight = $font_weight;
4082     $font_align = $font_align;
4083     $font_x = $font_x;
4084     $font_y = $font_y;
4085 }
```

Design