**Module - 20) Php - Laravel - Using Controllers And Routes For Urls And Apis – Industry**

**• Create Following Routes.(for frontend side application)**

**a) Home page**

**b) About us**

**c) Contact us**

**d) Gallery**

**e) Registration**

**f) Login**

**Ans.**

1. Route::get('/, [homeController::class, 'index']);
2. Route::get('/about, [aboutController::class, ' about']);
3. Route::get('/contact, [contactController::class, 'contact']);
4. Route::get('/gallery, [gallery Controller::class, 'index']);
5. Route::get('/register', [AuthController::class, 'showRegistrationForm']);
6. Route::get('/login', [AuthController::class, 'showLoginForm']);

**• How to pass Multiple Variable in route?**

**Ans.**

Passing Multiple Variables:  
  
Route::get('/user/{id}/{name}', function($id, $name) {  
 return "User ID: $id, Name: $name";  
});

**• How to pass variable which can be null in Route?**

**Ans.**   
  
Route::get('/profile/{id?}', function($id = null) {  
 return $id ? "User ID: $id" : "No User ID provided";  
});

**• Create custom auto using middleware.**

**Ans.**

Creating Custom Middleware:  
  
// Run command  
php artisan make:middleware CheckUserRole

**• Generate Resource Controller for employee.**

**Ans.**

Applying Middleware in Controller:  
  
// EmployeeController.php

public function \_\_construct()  
{  
 $this->middleware('checkUserRole');  
}

**• How to remove route caching?**

**Ans.**

Removing Route Caching:  
  
// Run command  
php artisan route:clear

**• Create Custom Macro For search User**

**Ans.**

Creating Custom Macro for User Search:  
// MacrosServiceProvider.php  
  
use Illuminate\Support\Facades\Response;  
Response::macro('userSearch', function ($users) {  
 return response()->json($users);  
});