

MAGENTO 2 ESSENTIALS

CHEAT SHEET



Mage Mastery

How to read from \$_GET array?

Incorrect:

```
$productId = $_GET['product_id'];
```

Correct:

```
use Magento\Framework\App\RequestInterface;

class RequestExample
{
    private $request;

    public function __construct(RequestInterface $request)
    {
        $this->request = $request;
    }

    public function execute()
    {
        $productId = $this->request->getParam('product_id');
    }
}
```

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How to read from \$_POST array?

Incorrect:

```
$productData = $_POST['product_data'];
```

Correct:

```
use Magento\Framework\App\RequestInterface;

class RequestExample
{
    private $request;

    public function __construct(RequestInterface $request)
    {
        $this->request = $request;
    }

    public function execute()
    {
        $productData = $this->request->getParam('product_data');
    }
}
```

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How to access \$_SESSION storage?

Incorrect:

```
$customerId = $_SESSION['customer_id'];
```

Correct:

```
use Magento\Customer\Model\Session;

class SessionExample
{
    private $session;

    public function __construct(Session $session)
    {
        $this->session = $session;
    }

    public function execute()
    {
        $customerId = $this->session->getCustomerId();
    }
}
```

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How to read from `$_COOKIE` array?

Incorrect:

```
$storeId = $_COOKIE['store'];
```

Correct:

```
use Magento\Framework\Stdlib\CookieManagerInterface;

class CookieExample
{
    private $cookieManager;

    public function __construct(CookieManagerInterface $cookieManager)
    {
        $this->cookieManager = $cookieManager;
    }

    public function execute()
    {
        $storeId = $this->cookieManager->getCookie('store');
    }
}
```



CHEAT SHEET

How to load a product form a database?

Incorrect:

```
$product->load(3);
```

Correct:

```
use Magento\Catalog\Api\ProductRepositoryInterface;

class ProductLoadExample
{
    private $productRepository;

    public function __construct(ProductRepositoryInterface $productRepository)
    {
        $this->productRepository = $productRepository;
    }

    public function execute()
    {
        $product = $this->productRepository->getById(3);
    }
}
```



CHEAT SHEET

How to load an order from a database?

Incorrect:

```
$order = $objectManager->get(Order::class)->load(5);
```

Correct:

```
use Magento\Sales\Api\OrderRepositoryInterface;

class OrderExample
{
    private $orderRepository;

    public function __construct(OrderRepositoryInterface $orderRepository)
    {
        $this->orderRepository = $orderRepository;
    }

    public function execute()
    {
        $order = $this->orderRepository->getById(5);
    }
}
```



How to load a quote from a database?

Incorrect:

```
$order->load(6);
```

Correct:

```
use Magento\Quote\Api\CartItemRepositoryInterface;

class QuoteExample
{
    private $cartItemRepository;

    public function __construct(CartItemRepositoryInterface $cartItemRepository)
    {
        $this->cartItemRepository = $cartItemRepository;
    }

    public function execute()
    {
        $quote = $this->cartItemRepository->getById(6);
    }
}
```

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How to load a quote from a session?

Incorrect:

```
$quote = $objectManager->get(Quote::class)->load(7);
```

Correct:

```
use Magento\Checkout\Model\Session;

class CurrentQuoteExample
{
    private $session;

    public function __construct(Session $session)
    {
        $this->session = $session;
    }

    public function execute()
    {
        $quote = $this->session->getQuote(7);
    }
}
```




CHEAT SHEET

How to log an exception into file?

Incorrect:

```
try {  
  
} catch (\Exception $exception) {  
    file_put_contents('/var/www/magento/var/log/error.log', var_export($logData, true));  
}
```

Correct:

```
use Psr\Log\LoggerInterface;  
  
class LogExceptionExample  
{  
    private $logger;  
  
    public function __construct(LoggerInterface $logger)  
    {  
        $this->logger = $logger;  
    }  
  
    public function execute()  
    {  
        try {  
            //Exception  
        } catch (\Exception $exception) {  
            $this->logger->critical($exception);  
        }  
    }  
}
```



How to load current customer data?

Correct:

```
use Magento\Customer\Model\Session;

class CustomerExample
{
    private $session;

    public function __construct(Session $session)
    {
        $this->session = $session;
    }

    public function execute()
    {
        $customer = $this->session->getCustomer();
    }
}
```



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